Ontario

Ministry of the Environment

Water Resources Bulletin 2-107

Ground water series

Hon. Keith C. Norton, Q.C.

Gerard J. M. Raymond

WATER RESOURCES
BULLETIN 2–107
Ground water series

DATA FOR OBSERVATION WELLS IN ONTARIO 1980

MINISTRY OF THE ENVIRONMENT
Water Resources Branch

TORONTO ONTARIO

1982

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Water Resources Branch
Ontario Ministry of the Environment
135 St. Clair Avenue West
Toronto, Ontario M4V 1P5

Additional copies of this "Water Resources Bulletin" may be obtained in person from the Ontario Government Bookstore, 880 Bay Street, Toronto, Ontario or by mail from the Ontario Government Publications Centre, 5th Floor, 880 Bay Street, Toronto, M5S 1Z8.

ISSN 0701-7499
ISSN 0383-5456

Parts of this publication may be quoted if credit is given. It is recommended that reference to this bulletin be made in the following form:

Ontario Ministry of the Environment, 1982. Water Resources Bulletin 2-107, Data for Observation Wells in Ontario, 1980.

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INTRODUCTION

The ground-water regime that exists in any area is a result of the geology, topography, drainage and climate of that area. Water which enters the soil and percolates downward into the zone of saturation, where all the voids and openings of the materials in the ground are filled with water, is commonly referred to as ground water. The top of this zone of saturation or ground-water system is called the water table and in Ontario is often found a few feet below the ground surface.

Precipitation in the form of rain and snow is the main source of ground water. In general, approximately 40% of all precipitation becomes surface runoff or infiltrates into the ground. The rest is returned to the atmosphere by evaporation from the soil and open bodies of water, and by transpiration from vegetation. Precipitation averages over 76 centimetres (30 inches) annually in most parts of southern Ontario. Forty percent of this amounts to 212 million litres of precipitation on each square kilometre of land surface, or 174 million gallons on each square mile. Generally, less than one half of this volume of water will infiltrate and move through the ground-water system before being discharged into streams or lakes. Since infiltration rates are comparatively higher in sand and gravel areas than in clay areas, recharge to ground water will be correspondingly higher in sands and gravels.

Geologic formations that contain, transmit and yield ground water in usable quantities are termed aquifers. The degree to which a formation will store and yield water is dependant on its porosity and permeability. The porosity of a material is the proportion of openings or pore spaces to the volume of the material. The permeability gauges the rate at which a material will transmit water, and is dependent on the size and degree of interconnection of the pore spaces. Thus, a fine silty sand may have a higher porosity than a medium sand, but the finer material will have a lower permeability and yield smaller quantities of water to wells.

The amount of water that can be extracted from any area depends on the characteristics of the aquifers. Fine-grained overburden materials such as clays and silts are generally poor sources of water supply. Wells developed in such materials may not meet normal household requirements (450 litres/capita/day) if adequate storage is not provided. Coarse overburden materials such as sands and gravels have high permeabilities and are usually very good sources of ground water. Bedrock materials with adequate permeabilities resulting from fractures and solution cavities are also good sources of ground water.

Numerous factors such as the amount and intensity of rainfall, nature of the soil and vegetation, slope of land surface, and wind and temperature conditions also have a bearing on the amount of precipitation that becomes ground water. Before large withdrawals of ground water are planned in an area, a reliable estimate should be made of the average annual recharge to ground water. If this is done, the depletion of ground water stored in the aquifer can usually be avoided, and pumping installations can be designed for long, economical use.

GROUND-WATER LEVELS

One of the keys to the availability of ground water in a particular area is the actual water level as measured in a well. Ground-water levels may be a reflection of static or equilibrium ground-water conditions, or they may reflect artificial drawdown conditions caused by local withdrawals. A continuous record of water-level fluctuations reveals numerous factors concerning both the ground-water regime and the characteristics of a particular water-bearing formation. The continuous record, or hydrograph, is useful in analyzing natural long-term fluctuations in ground-water levels which are related commonly to precipitation, evapotranspiration and the discharge of water to streams.

In addition to monitoring natural ground-water level fluctuations, observation wells are established to determine the effects of large ground-water withdrawals from aquifers, to show the effects of natural and artificial recharge on aquifers, to assist in drainage basin analyses by providing data to show recharge and discharge areas, and to show regional and local ground-water flow patterns. Together with data on pumping rates, pumping levels and other aquifer characteristics, the water levels in observation wells are utilized in the calculation of the potential yield of aquifers and high-capacity production wells.

The water level in an unpumped observation well is referred to as the static level. Fluctuations in this level result either from natural causes such as precipitation, evaporation and ground-water discharge, or from artificial causes such as pumping or artificial recharge. A static level that follows a downward trend may forecast serious problems resulting from overpumping, reduced recharge due to changed soil or vegetational cover, or a combination of these and other factors. A knowledge of ground-water levels is a prerequisite to good ground-water management. Problems of water shortages and complaints about well interference cannot be fully understood or resolved without reliable data on water-level fluctuations.

In Ontario, ground-water levels normally rise during the fall, early winter and spring snowmelt periods when transpiration and evaporation are minimal. Throughout the warm-weather growth period, the amount of water infiltrating is greatly decreased by evaporation and transpiration. As a result, recharge to ground water is minimized and ground-water levels generally decline during this period.

OBSERVATION WELL NETWORK

The observation well network in the Province of Ontario dates back to 1946 when the initial step in establishing the network was taken by the Ontario Department of Mines. Some of the original wells are still being used for observation purposes. The observation wells within the network consist primarily of drilled and bored wells, the type used commonly for supply purposes, as well as the more specialized piezometer tubes, which are used specifically for water-level measurement purposes. Water levels are measured either manually by tape or by automatic water-level recorders. Abandoned wells are ideally suited for observation purposes because the water-level fluctuations will not be affected by withdrawals of ground water from the wells. Observation wells in some cases have been acquired over the years in co-operation with private individuals or municipalities. Other wells have been constructed by the Ministry of the Environment specifically for water management and interference studies, and for river basin studies. New wells are regularly being incorporated into the network as new studies or water management problems arise. Older wells are phased out as sufficient data are gathered to satisfy the original intended use, or if a particular property owner wishes to use the well for other purposes.

HYDROGRAPHS

Included in this bulletin are yearly hydrographs for all observation wells that are equipped with water-level recorders. These hydrographs are computer-generated plots of water level data that have been transcribed from the water level recorder charts using an X-Y co-ordinate digitization method. The hydrographs show actual water levels and give a complete picture of water level fluctuations in any one observation well for the entire year.

DATA COLLECTION AND DISTRIBUTION

The observation well levels contained in this bulletin were collected by the Technical Support sections of this Ministry's Regional offices, located respectively in London, Hamilton, Don Mills, Kingston, Sudbury and Thunder Bay. Data compilation and publication were carried out by the Hydrology and Monitoring Section of the Water Resources Branch, Ministry of the Environment, Toronto.

Enquiries concerning observation well data should be made to the following:

Hydrology and Monitoring Section
Water Resources Branch
135 St. Clair Avenue West
Toronto, Ontario M4V 1P5
(416-965-6995)

OBSERVATION WELL DISTRIBUTION

As of December 31, 1980 the distribution of observation wells within each Region of the Ministry was as follows:

Region	
1) Southwest	21
2) West-Central	20
3) Central	32
4) Southeast	11
5) Northeast	3
6) Northwest	1
TOTAL	88

Observation wells in this publication are indexed in the following order.

1) MOE Region - All observation wells located on one particular region are grouped together.
2) County - The wells are indexed by county, then by township.
3) Numerically - Where there is more than one well in a particular township they are listed by their observation well numbers.

The Regional maps show the approximate locations of the recording wells and can be used as a guide to the distribution of the wells in each Region.

OBSERVATION WELL INFORMATION

The data presented in this bulletin are presented in metric (SI) units. For the purpose of converting from metric units back to imperical units, a table is shown on page 125.

For those who require a more specialized type of output than that found in this bulletin, the following output options are available:

1) water-level tabulations in either English or metric units in any of the following formats:
   a) daily mean values
   b) daily instantaneous maximum values
   c) daily instantaneous minimum values

2) annual hydrographs plotted in either "distance below ground level" or "elevation above sea level" in either metric or English units according to any of the following formats:
   a) daily mean values
   b) daily instantaneous maximum values
   c) daily instantaneous minimum values
   d) all the above plotted on same hydrograph
   e) actual water-level plots from digitized points.

3) card outputs of any one of the following:
   a) daily mean values
   b) daily instantaneous maximum values
   c) daily instantaneous minimum values

EXPLANATION OF WELL SPECIFICATIONS

OBSERVATION WELL NUMBER	The observation well number is assigned in numerical sequence at the time of the establishment of each observation well.
WELL REC. #	Each observation well is assigned a well record number to identify it within Ontario's water well record system. Each well record is assigned a unique number after it is filed with the Ministry.
CONC.	The majority of townships in Ontario are surveyed into a regular pattern of concessions and lots; however, in some areas, geographical or historical factors may have created surveys of irregular shapes or patterns. This has resulted in many survey descriptions which are unique to certain areas. SEE: Abbreviations Used to Describe Surveys and Tracts.
UTM CO-ORD.	(Universal Transverse Mercator Co-ordinates in Metres) This location system makes use of a square grid, 1000 x 1000 metres, which is superimposed on maps of the National Topographic System. The vertical grid lines are called Eastings and the horizontal lines Northings. The Easting represents the distance of a well in an easterly direction from a given north-south reference line. The Easting is the figure immediately following the letter E. The Northing represents the distance of a well in a northerly direction from a given east-west reference line. The Northing is the figure immediately following the letter N. The zone number which follows the letter Z is also a part of the UTM co-ordinates.
LAT & LONG	Latitudes and Longitudes were determined from plotted locations on topographic maps and are given to the nearest minute.

REC. METHOD	The recording method describes the manner in which the data were obtained, i.e., automatic water-level recorder or manual measurement. The following automatic recorders are currently in use by the Ministry of the Environment: - Stevens A-35 Recorder (Float actuated) - Stevens 'F' type recorder (Weekly/Monthly; Float actuated) - Brott Recorder (Nitrogen gas actuated)
REC. COMMCD	Water-level recording was commenced on the date listed.
MEASURE PT.	The measuring point is the reference point, either above or below ground level, from which measurements are taken for each observation well. This figure is subtracted or added to the recorder chart measurements to obtain water levels in metres below ground surface.
WELL TYPE	This describes the method of construction of the well, i.e. drilled, bored or dug.
DIAMETER OF WELL	Casing diameters are shown to the nearest centimetre. Where several sizes of casings were used, the diameter of the lowermost casing only is given.
GND ELEV.	The ground elevation at the well site is given in metres above mean sea level. The majority of the elevations were determined from plotted locations on the National Topographic maps and are therefore related to the accuracy of the locations and the scale of the maps.
LENGTH OF CASING	The length of casing is the distance from ground level to the end of the cased section of the well.
LENGTH OF SCREEN	This is the length of well screen, sand point or slotted pipe section.
PUMP RATE	This is the rate (in litres/sec) at which the well was test pumped. Where no pumping test was performed, the letters N.A. appear.

SPEC. CAP.	The specific capacity is determined using information obtained during the pumping test. It is calculated by dividing the pumping rate by the drawdown, which is the difference between the static water level before the test and the maximum pumping level measured during the test. Where no pumping test was performed, the letters N.A. appear.
AQUIFER	This lists the geological material of the main water-bearing formation.
QUALITY	After the construction of each well, the driller evaluates the water for taste and smell. The kind of water is shown by the following: Fresh Salty Sulphur Mineral
WELL LOG	This is a verbatim description of the well log as it was listed on the well record by the driller. Each formation is followed by a number which indicates the distance to the bottom of the formation in metres. The last number generally indicates the total depth of the well.
MONTHLY SUMMARY	Monthly summaries are printed only for those months in which there are data for every day in that month.
MEAN	This figure represents the mean monthly water level, measured in metres below ground surface.
INST. MAX.	This is the instantaneous maximum water level, in metres below ground surface recorded for that month. The bracketed figure (or figures) immediately below the INST. MAX. value indicates the date(s) on which that value occurred. If the maximum value falls on more than 4 days it is indicated by an asterisk.
INST. MIN.	This is the instantaneous minimum water level, in meters below ground surface, recorded for that month. The bracketed figure (or figures) immediately below the INST. MIN. value indicates the date(s) on which that value occurred. If the minimum value falls on more than 4 days it is indicated by an asterisk.

ABBREVATIONS USED TO DESCRIBE SURVEYS AND TRACTS

Abbreviations	Survey or Tract	Township
Southwestern Region		
FC	Front Concession	South Colchester Twp.
NTR E	North Talbot Road East	Westminster Twp.
Range 1N	Range 1 North (Longwood's Rd. North)	Caradoc Twp.
WB	West Boundary Concession	Blanshard Twp.
West-Central Region		
BRN	Bleams Road North	Wilmot Twp.
BRS	Bleams Road South	Wilmot Twp.
ERS	Egremont Road South	Wilmot Twp.
JT	Jones Tract	N. Cayuga Twp.
SRS	Snider Road South	Wilmot Twp.
STR	South Talbot Road	Middleton Twp.
Central Region		
HSE	Hurontario Street East	Chinguacousy Twp.
HSW	Hurontario Street West	Chinguacousy Twp.
OS	Old Survey	King Twp.
1E	Conc. 1E (Yonge Street East)	East Gwillimbury Twp.
Southeastern Region		
MT	Military Tract	Hallowell Twp.
RF	Rideau Front	Gloucester Twp. Nepean
Northwestern Region		
Kam N	Kaministikwia North	Paipoonge Twp.

WELL INDEX

Southwestern Region

County/ Reg. Municipality	Municipality	Observation Well #	Page Tabulation	Page Hydrograph
Essex	Sandwich East Twp.	164	2	13
	Colchester South Twp.	170	2	14
	Colchester South Twp.	171	3	-
	Colchester South Twp.	222	3	15
Huron	Morris Twp.	351	4	16
Grey	Sullivan Twp.	194	4	17
Kent	Bothwell	172	5	18
	Howard Twp.	371	5	19
Lambton	Alvinston	207	6	20
	Forest	56	6	21
	Enniskillen Twp.	549	7	22
Middlesex	Caradoc Twp.	206	7	23
	Caradoc Twp.	543	8	-
	Lobo Twp.	100	8	24
	Lobo Twp.	107	9	25
	Westminster Twp.	71	9	26
	Westminster Twp.	513	10	27
Oxford	Blenheim Twp.	542	10	28
	South Norwich Twp.	177	11	29
Perth	Blanshard Twp.	45	11	30
	Stratford	182	12	31

WELL INDEX

West-Central Region

County/ Reg. Municipality	Municipality	Observation Well #	Page Tabulation	Page Hydrograph
Brant	Brantford Twp.	124	33	42
Dufferin	Luther Twp.	46	33	43
Haldimand-Norfolk	Middleton Twp.	413	34	44
	North Cayuga Twp.	64	34	45
	South Walsingham Twp.	138	35	-
	Townsend Twp.	545	35	46
Niagara	North Grimsby Twp.	399	36	47
	Wainfleet Twp.	228	36	48
Waterloo	Elmira	33	37	49
	Kitchener	82	37	50
	Wilmot Twp.	396	38	51
	Wilmot Twp.	514	38	52
Wellington	Erin Twp.	551	39	53
	Guelph Twp.	532	39	-
	Guelph Twp.	537	40	54
	Nichol Twp.	536	40	-
	Puslinch Twp.	131	41	-
	Puslinch Twp.	213	41	-

Central Region

County/ Reg. Municipality	Municipality	Observation Well #	Page Tabulation	Page Hydrograph
Durham	Clarke Twp.	526	56	72
	Darlington Twp.	509	56	73
	Pickering Twp.	405	57	74
	Pickering Twp.	406	57	75
	Pickering Twp.	512	58	76
Halton	Burlington	531	58	77
	Esquesing Twp.	437	59	78
	Georgetown	377	59	79
	Trafalgar Twp.	374	60	80
Northumberland	Hope Twp.	530	60	81
Peel	Albion Twp.	253	61	82
	Caledon Twp.	214	61	83
	Chinguacousy Twp.	167	62	84
	Chinguacousy Twp.	168	62	85
Peterborough	Cavan Twp.	553	63	86

WELL INDEX

Central Region Cont'd

County/ Reg. Municipality	Municipality	Observation Well #	Page Tabulation	Page Hydrograph
Simcoe	Barrie	529	63	87
	Essa Twp.	7	64	88
	Vespra Twp.	552	64	81
	Wasaga Beach	373	65	90
Victoria	Mariposa Twp.	375	65	91
York	East Gwillimbury Twp.	528	66	92
	Georgina Twp.	527	66	93
	King Twp.	342	67	94
	King Twp.	343	67	95
	King Twp.	538	68	96
	King Twp.	540	68	97
	Markham Twp.	106	69	98
	Markham Twp.	305	69	99
	North York	90	70	100
	Vaughan Twp.	539	70	101
	Whitchurch Twp.	340	71	102

Southeastern Region

County/ Reg. Municipality	Municipality	Observation Well #	Page Tabulation	Page Hydrograph
Dundas	Chesterville	522	104	109
Grenville	Edwardsburgh Twp.	523	104	-
Hastings	Hungerford Twp.	209	105	110
	Sidney Twp.	400	105	111
	Sidney Twp.	554	106	112
	Thurlow Twp.	122	106	113
Ottawa-Carleton	Gloucester Twp.	555	107	114
	Nepean Twp.	541	107	115
Prince Edward	Hallowell Twp.	178	108	116
Russell	Clarence Twp.	546	108	117

Northeastern Region

County/ Reg. Municipality	Municipality	Observation Well #	Page Tabulation	Page Hydrograph
Sudbury	Hanmer Twp.	550	119	120
Timiskaming	Armstrong Twp.	556	119	121

Northwestern Region

County/ Reg. Municipality	Municipality	Observation Well #	Page Tabulation	Page Hydrograph
Thunder Bay	Paiponge Twp.	548	123	124

Southwestern Region

(1)

Ministry of the Environment
Ontario

OBSERVATION WELL DISTRIBUTION

OBSERVATION WELL DATA

REGIONAL OFFICE
LONDON
985 Adelaide St. S.
519-681-3600

DISTRICT OFFICES
Windsor
250 Windsor Ave
519-254-5129
Sarnia
242A Indian Rd. S.
519-336-4030
Owen Sound
1180 20th St. E.
519-371-2901

SUB-OFFICE
Chatham
435 Grand Ave W.
519-352-5107

LEGEND

- Regional Office
- District Office
- Recording Observation Well
- Number of Recording Wells in same location
- Manually Measured Well
- Number of Manually Measured Wells in same location

ENVIRONMENT ONTARIO
TORONTO
ESSEX COUNTY

OBSERVATION WELL 164

TOWNSHIP OF SANDWICH E. CONC. 3 LOT 95

WELL REC #: 2102685
UTM CO-ORD: Z-17 E337280 N4680660
LAT & LONG: 42-16NORTH 82-58WEST

REC METHOD: A35 RECORDER
REC COMMCD: DEC 6 1965
MEASURE PT: 0,9 METRES ABOVE GROUND SURFACE
GND ELEV: 189 METRES ABOVE SEA LEVEL
WELL TYPE: DRILLED
WELL LOG: TOPSOIL 0,3; CLAY 4,9; CLAY AND SMALL AMOUNT OF GRAVEL 43; CEMENTED GRAVEL 44,2; BROKEN ROCK 44,5; LIGHT BROWN LIMESTONE 50,6.

DIAMETER OF WELL: 50 CM
LENGTH OF CASING: 44,8 METRES
LENGTH OF SCREEN: NONE
DEPTH OF WELL: 50,6 METRES

PUMP RATE: 11,7 L/S
SPEC. CAP: 0,046 L/S/M
AQUIFER : LIMESTONE
QUALITY : FRESH

1980
DAILY MEAN WATER LEVELS IN METRES BELOW GROUND SURFACE

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	9,58			9,49	9,48	9,58	9,49	9,56	9,52		9,67 E	9,54 E	1
2	9,56			9,51	9,49	9,53	9,50	9,54	9,56		9,82 E	9,52 E	2
3	9,62			9,51	9,47	9,48	9,52	9,51	9,57		9,76 E	9,61 E	3
4	9,61			9,52	9,45	9,53	9,50	9,51	9,57		9,64 E	9,63 E	4
5	9,56			9,61	9,44	9,52	9,49	9,56	9,58		9,63 E	9,61 E	5
6	9,56	9,58		9,62	9,43	9,49	9,51	9,55	9,58		9,61 E	9,58 E	6
7	9,52			9,53	9,45	9,47	9,52	9,56	9,57		9,57 E	9,56 E	7
8				9,51	9,47	9,45	9,52	9,55	9,55		9,58 E	9,53 E	8
9				9,47	9,47	9,47	9,52	9,58	9,59		9,54 E	9,58 E	9
10	9,62			9,46	9,47	9,47	9,52	9,54			9,61 E	9,59 E	10
11	9,52			9,49	9,42	9,51	9,53	9,52			9,66 E	9,61 E	11
12	9,60			9,46	9,47	9,54	9,60	9,55			9,68 E	9,62 E	12
13	9,58		9,49	9,49	9,44	9,52	9,56	9,57			9,64 E	9,64 E	13
14	9,59			9,42	9,48	9,48	9,54	9,56			9,63 E	9,61 E	14
15	9,62			9,40	9,50	9,46	9,55	9,62			9,64 E	9,62 E	15
16	9,59			9,50	9,53	9,47	9,52	9,58			9,65 E	9,59 E	16
17	9,57		9,45	9,52	9,50	9,51	9,53	9,59			9,63 E	9,63 E	17
18	9,60			9,52	9,45	9,49	9,54	9,55			9,61 E	9,60 E	18
19	9,62		9,52	9,49	9,45	9,47	9,58	9,58			9,63 E	9,66 E	19
20	9,62	9,51	9,48	9,48	9,40	9,50	9,71	9,58			9,63 E	9,71 E	20
21	9,60	9,52		9,49	9,51	9,48	9,74	9,56			9,62 E	9,71 E	21
22		9,49		9,46	9,49	9,47	9,65	9,54			9,63 E	9,69 E	22
23				9,44	9,49	9,54	9,60	9,57			9,61 E	9,67 E	23
24	9,51			9,43	9,44	9,55	9,60	9,59			9,60 E	9,62 E	24
25				9,48	9,43	9,51	9,60	9,59			9,64 E	9,63 E	25
26				9,57	9,49	9,49	9,59	9,58			9,66 E	9,67 E	26
27	9,57		9,54	9,57	9,50	9,48	9,55	9,60			9,60 E	9,69 E	27
28	9,59		9,52	9,51	9,51	9,45	9,55	9,62			9,53 E	9,72 E	28
29			9,48	9,47	9,51	9,44	9,57	9,62			9,50 E	9,65 E	29
30	9,63		9,49	9,47	9,50	9,45	9,56	9,61		9,67 E	9,53 E	9,64 E	30
31			9,44		9,53		9,56	9,55		9,63 E		9,63 E	31

-MONTHLY SUMMARY-

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
MEAN				9,50	9,48	9,49	9,56	9,57			9,62	9,62	MEAN
INST MAX				9,37 (15)	9,40 (11)	9,41 (30)	9,46 (6)	9,48 (3)			9,49 (29)	9,50 (2)	INST MAX
INST MIN				9,72 (6)	9,62 (29)	9,70 (24)	9,79 (20)	9,73 (30)			9,85 (2)	9,76 (21)	INST MIN

ENVIRONMENT ONTARIO
TORONTO
ESSEX COUNTY

OBSERVATION WELL 170

TOWNSHIP OF S. COLCHESTER GORE LOT 14

WELL REC #: 2101061
UTM CO-ORD: Z-17 E342840 N4654930
LAT & LONG: 42-02NORTH 82-54WEST

REC METHOD: A35 RECORDER
REC COMMCD: MAR 5 1966
MEASURE PT: 0,5 METRES ABOVE GROUND SURFACE
GND ELEV: 192 METRES ABOVE SEA LEVEL
WELL TYPE: DRILLED
WELL LOG: TOPSOIL 0,3; YELLOW SAND 3,7; GREY SAND 9,2; QUICK SAND 33,6; SAND AND GRAVEL 35,1; COARSE GRAVEL 37,8; GREY LIMESTONE 39,3.

DIAMETER OF WELL: 15 CM
LENGTH OF CASING: 37,8 METRES
LENGTH OF SCREEN: NONE
DEPTH OF WELL: 39,3 METRES

PUMP RATE: 23 L/S
SPEC. CAP: 1,38 L/S/M
AQUIFER : LIMESTONE
QUALITY : FRESH

1980
DAILY MEAN WATER LEVELS IN METRES BELOW GROUND SURFACE

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0,19	0,14	0,20	2,86	2,60	2,57							1
2	0,18	0,14	0,20	2,85	2,60	2,52							2
3	0,18	0,14	0,20	2,83	2,60	2,46							3
4	0,18	0,14	0,20	2,80	2,59	2,47							4
5	0,16	0,14	0,20	2,80	2,59	2,46							5
6	0,17	0,15	0,21	2,79	2,61	2,45							6
7	0,16	0,16	0,22	2,77	2,61	2,41							7
8	0,15	0,15	0,22	2,77	2,62	2,41							8
9	0,16	0,15	0,22	2,75	2,62	2,42							9
10	0,16	0,16	0,22	2,74	2,59	2,44							10
11	0,15	0,16	0,22	2,74	2,62	2,45							11
12	0,13	0,16	0,22	2,73	2,63	2,45							12
13	0,15	0,16	0,22	2,72	2,63	2,44							13
14	0,13	0,17	0,21	2,67	2,64	2,43							14
15	0,13	0,17	0,23	2,66	2,67	2,39							15
16	0,13	0,17	0,25	2,65	2,64	2,40							16
17	0,13	0,17		2,64	2,59	2,42							17
18	0,13	0,17		2,64	2,55								18
19	0,13	0,18		2,63	2,56								19
20	0,13	0,19		2,63	2,57								20
21	0,13	0,19		2,62	2,57								21
22	0,13	0,19		2,61	2,56								22
23	0,12	0,18		2,61	2,55								23
24	0,12	0,18		2,61	2,55								24
25	0,12	0,18		2,61	2,57								25
26	0,13	0,18		2,60	2,59								26
27	0,13	0,18	2,95	2,60	2,58								27
28	0,13	0,18	2,95	2,60	2,58								28
29	0,13	0,19	2,94	2,60	2,58								29
30	0,13		2,92	2,60	2,59								30
31	0,14		2,87		2,56								31

-MONTHLY SUMMARY-

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
MEAN	0,14	0,17		2,69	2,59								MEAN
INST MAX	0,12 (23)	0,14 (1)		2,60 (29)	2,55 (23)								INST MAX
INST MIN	0,20 (1)	0,20 (29)		2,86 (1)	2,75 (15)								INST MIN

ENVIRONMENT ONTARIO
TORONTO
ESSEX COUNTY

OBSERVATION WELL 171

TOWNSHIP OF S. COLCHESTER GORE LOT 15

WELL REC #: 2103851
UTM CO-ORD: Z= 17 E342649 N4654902
LAT & LONG: 42-02NORTH 82-54WEST

REC METHOD: A-35 RECORDER
REC COMMCD: APR, 01 1986
MEASURE PT: 0.6 METRES ABOVE GROUND SURFACE
GND ELEV: 192.8 METRES ABOVE SEA LEVEL
WELL TYPE: DRILLED
WELL LOG: BROWN SILTY SAND 2.4; BROWN SAND WITH SOME COARSE SAND AND GRAVEL 7.0; GREY SAND, SILTY CLAY 7.9; GREY FINE SAND AND SOME GRAVEL 9.2; GREY FINE TO MEDIUM SAND 9.8; GREY FINE SAND 11.3.

DIAMETER OF WELL: 15.2 CM
LENGTH OF CASING: 9.5 METRES
LENGTH OF SCREEN: 1.8 METRES
DEPTH OF WELL: 11.3 METRES

PUMP RATE: 1.1 L/S
SPEC. CAP: N.A.
AQUIFER : LIMESTONE
QUALITY : FRESH

1986
DAILY MEAN WATER LEVELS IN METRES BELOW GROUND SURFACE

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1				3.64	3.27	3.19	3.27						1
2				3.63	3.28	3.19	3.25						2
3				3.61	3.28	3.18	3.23						3
4				3.59	3.27	3.17	3.23						4
5				3.59	3.27	3.17							5
6				3.57	3.27	3.16							6
7				3.55	3.27	3.16							7
8				3.53	3.27	3.15							8
9				3.51	3.28	3.14							9
10				3.50	3.28	3.14							10
11				3.49	3.28	3.13							11
12				3.48	3.27	3.13							12
13				3.46	3.26	3.12							13
14				3.44	3.26	3.11							14
15				3.42	3.26	3.11							15
16				3.37	3.26	3.10							16
17				3.35	3.26	3.10							17
18				3.34	3.25	3.11							18
19				3.33	3.25	3.13							19
20				3.32	3.25	3.14							20
21				3.32	3.25	3.18							21
22				3.31	3.25	3.18							22
23				3.30	3.25	3.18							23
24				3.30	3.25	3.16							24
25				3.29	3.25	3.20							25
26				3.29	3.25	3.19							26
27			3.68	3.29	3.25	3.24							27
28			3.67	3.29	3.24	3.31							28
29			3.66	3.28	3.24	3.33							29
30			3.65	3.27	3.23	3.29							30
31			3.65		3.21								31
MONTHLY SUMMARY													
MEAN				3.42	3.26	3.17							MEAN
INST MAX				3.27 (30)	3.20 (31)	3.10 (14)							INST MAX
INST MIN				3.65 (1)	3.28 (11)	3.37 (29)							INST MIN

ENVIRONMENT ONTARIO
TORONTO
ESSEX COUNTY

OBSERVATION WELL 222

TOWNSHIP OF S. COLCHESTER FC LOT 58

WELL REC #: 2100602
UTM CO-ORD: Z=17 E343580 N4650550
LAT & LONG: 41-59NORTH 82-53WEST

REC METHOD: A35 RECORDER
REC COMMCD: NOV 26 1968
MEASURE PT: 1.1 METRES ABOVE GROUND SURFACE
GND ELEV: 193 METRES ABOVE SEA LEVEL
WELL TYPE: DRILLED
WELL LOG: BLACK SANDY LOAM 0.3; FINE YELLOW SAND 1.2; GREY FINE SAND 4.6; HARDPAN 7; CLAY 14.6; QUICKSAND 16.2; HARDPAN 22; SAND 23.8; HARDPAN 32; FINE SAND 33.9; SAND AND HARDPAN 35; FINE TO COARSE SAND 37.2; BROWN LIMESTONE 38.9; DARK LIMESTONE 38.7.

DIAMETER OF WELL: 15 CM
LENGTH OF CASING: 37.5 METRES
LENGTH OF SCREEN: NONE
DEPTH OF WELL: 38.7 METRES

PUMP RATE: 2 L/S
SPEC. CAP: N.A.
AQUIFER : LIMESTONE
QUALITY : FRESH

1986
DAILY MEAN WATER LEVELS IN METRES BELOW GROUND SURFACE

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	7.28			6.77	6.69	7.06	12.61	14.36			7.42 E	7.18 E	1
2	7.28			6.74	6.74	7.03	12.25	14.40			7.41 E	7.16 E	2
3				6.74	6.79	7.05	13.12	14.42			7.37 E	7.22 E	3
4				6.71	6.83	7.06	15.59	14.38			7.37 E	7.22 E	4
5				6.79	6.83	7.03	15.04	14.36			7.34 E	7.19 E	5
6				6.79	6.80	6.99	14.37	14.41			7.33 E	7.18 E	6
7				6.75	6.81	7.00	14.41	14.38			7.29 E	7.17 E	7
8				6.70	6.89	7.03	14.39	14.36			7.29 E	7.16 E	8
9				6.64	6.89	6.95	14.37	14.39			7.29 E	7.12 E	9
10				6.67	6.95	6.93	16.66	14.36			7.33 E	7.11 E	10
11				6.72	6.88	6.91	17.12	14.38			7.33 E	7.16 E	11
12				6.71	6.89	6.95	16.78	14.51			7.30 E	7.20 E	12
13				6.75	6.88	6.96	15.38	14.51			7.26 E	7.18 E	13
14				6.69	7.00	7.00	15.00	14.45			7.24 E	7.13 E	14
15				6.64	7.15	6.95	14.76	14.46			7.23 E	7.10 E	15
16				6.74	7.23	6.94	14.58	14.44			7.24 E	7.09 E	16
17				6.73	7.18	6.99	14.49	14.42			7.22 E	7.06 E	17
18				6.76	7.07	6.98	14.36	14.41			7.19 E	7.05 E	18
19				6.72	7.15	6.87	14.49	14.43			7.20 E	7.07 E	19
20				6.75	7.16	6.79	15.08	14.39			7.20 E	7.11 E	20
21				6.70	7.12	7.01	14.92	14.41			7.19 E	7.11 E	21
22				6.67	7.09	6.74	14.68	14.45			7.21 E	7.08 E	22
23				6.63	7.09	6.98	14.66	14.44			7.20 E	7.06 E	23
24				6.62	7.09	7.69	14.67	14.48			7.19 E	7.05 E	24
25				6.62	7.06	7.34	14.53	14.50			7.22 E	7.09 E	25
26				6.72	7.17	7.21	14.43	14.54			7.22 E	7.07 E	26
27			6.98	6.69	7.20	7.84	14.53	14.59			7.18 E	7.08 E	27
28			6.89	6.66	7.18	10.10	14.40				7.14 E	7.08 E	28
29			6.85	6.67	7.08	12.68	14.37				7.15 E	7.05 E	29
30			6.85	6.68	7.07	12.52	14.36			7.43 E	7.18 E	7.04 E	30
31			6.83		7.07		14.36			7.43 E		7.02 E	31
MONTHLY SUMMARY													
MEAN				6.70	7.00	7.65	14.67				7.26	7.11	MEAN
INST MAX				6.58 (25)	6.67 (2)	6.77 (20)	11.82 (2)				7.12 (29)	7.00 (31)	INST MAX
INST MIN				7.15 (26)	7.40 (14)	13.57 (28)	20.16 (10)				7.44 (1)	7.26 (4)	INST MIN

ENVIRONMENT ONTARIO
TORONTO
HURON COUNTY

OBSERVATION WELL 351

TOWNSHIP OF MORRIS — CONC 8 — LOT 26

WELL REC #: 3002706
UTM CO-ORD: Z-17 E476405 N4840820
LAT & LONG: 43-44NORTH 81-18WEST

REC METHOD: A35 RECORDER
REC COMMCD: JAN 1 1972
MEASURE PT: 0.9 METRES ABOVE GROUND SURFACE
GND ELEV: 348 METRES ABOVE SEA LEVEL
WELL TYPE: DRILLED
WELL LOG: BLACK MUCK 1.5; GREY QUICKSAND AND BOULDERS 12.5; GREY CLAY AND STONES 14; GREY CLAY, STONES AND HARDPAN 19.5; LIMESTONE 45.7.

DIAMETER OF WELL: 13 CM
LENGTH OF CASING: 44.8 METRES
LENGTH OF SCREEN: 0.9 METRES
DEPTH OF WELL: 45.7 METRES

PUMP RATE: N.A.
SPEC. CAP: N.A.
AQUIFER: LIMESTONE
QUALITY: FRESH

1986
DAILY MEAN WATER LEVELS IN METRES BELOW GROUND SURFACE

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	7.27	7.49	7.74	7.25	7.17	7.45	7.72	8.01	8.29	8.19			1
2	7.26	7.50	7.69	7.23	7.19	7.43	7.75	8.01	8.29	8.17			2
3	7.31	7.50	7.64	7.19	7.19	7.46	7.76	8.01	8.34	8.17			3
4	7.34	7.51	7.61	7.06	7.18	7.53	7.76	8.05	8.35	8.17			4
5	7.30	7.51	7.61	7.11	7.14	7.54	7.74	8.07	8.34	8.25			5
6	7.31	7.50	7.69	7.14	7.15	7.48	7.81	8.10	8.34	8.25			6
7	7.20	7.58	7.68	7.11	7.18	7.47	7.82	8.11	8.34	8.21			7
8	7.28	7.55	7.63	7.08	7.22	7.47	7.77	8.09	8.35	8.14			8
9	7.37	7.50	7.65	7.04	7.26	7.47	7.81	8.09	8.34	8.18			9
10	7.31	7.47	7.60	7.04	7.27	7.49	7.81	8.11	8.35	8.18			10
11	7.27	7.45	7.69	7.09	7.25	7.57	7.81	8.11	8.35	8.11			11
12	7.41	7.52	7.77	7.07	7.31	7.60	7.84	8.11	8.35	8.13			12
13	7.33	7.55	7.68	7.10	7.28	7.58	7.87	8.15	8.36	8.18			13
14	7.39	7.57	7.71	7.03	7.33	7.55	7.88	8.13	8.35	8.20			14
15	7.40	7.52	7.80	6.97	7.39	7.53	7.86	8.15	8.35	8.20			15
16	7.33	7.50	7.75	7.10	7.43	7.59	7.86	8.19	8.35	8.18			16
17	7.32	7.58	7.66	7.13	7.41	7.61	7.87	8.21	8.32	8.13			17
18	7.36	7.56	7.73	7.10	7.33	7.60	7.93	8.18	8.38	8.10			18
19	7.38	7.56	7.72	7.08	7.36	7.58	7.94	8.19	8.40	8.10			19
20	7.37	7.55	7.63	7.05	7.38	7.59	7.98	8.19	8.37	8.10			20
21	7.31	7.59	7.51	7.07	7.38	7.64	7.95	8.19	8.34	8.09			21
22	7.24	7.55	7.57	7.04	7.39	7.65	7.98	8.22	8.33	8.13			22
23	7.26	7.59	7.56	7.01	7.39	7.66	7.96	8.28	8.33	8.18			23
24	7.27	7.61	7.44	7.05	7.36	7.66	8.00	8.30	8.36				24
25	7.34	7.63	7.43	7.07	7.38	7.67	8.00	8.30	8.33				25
26	7.43	7.64	7.46	7.11	7.43	7.66	8.00	8.29	8.30				26
27	7.42	7.58	7.45	7.11	7.45	7.69	8.00	8.29	8.32				27
28	7.44	7.63	7.40	7.11	7.45	7.68	7.99	8.31	8.30				28
29	7.47	7.73	7.33	7.11	7.45	7.65	8.00	8.32	8.30				29
30	7.50		7.29	7.13	7.43	7.68	8.02	8.33	8.25				30
31	7.49		7.22		7.42		8.03	8.32					31

-MONTHLY SUMMARY-

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
MEAN	7.34	7.55	7.59	7.09	7.32	7.57	7.89	8.17	8.34				MEAN
INST MAX	7.15 (7)	7.43 (11)	7.21 (31)	6.95 (15)	7.13 (5)	7.42 (2)	7.72 (1)	8.00 (2)	8.22 (30)				INST MAX
INST MIN	7.50 (30)	7.76 (29)	7.81 (15)	7.26 (1)	7.47 (27)	7.72 (30)	8.03 (31)	8.33 (30)	8.42 (19)				INST MIN

ENVIRONMENT ONTARIO
TORONTO
GREY COUNTY

OBSERVATION WELL 194

TOWNSHIP OF SULLIVAN — CONC. 3 — LOT 23

WELL REC #: 2903168
UTM CO-ORD: Z-17 E 507900 N 4910785
LAT & LONG: 44-21NORTH 80-54WEST

REC METHOD: A35 RECORDER
REC COMMCD: MAR. 29 1968
MEASURE PT: 1.07 METRES ABOVE GROUND SURFACE
GND ELEV: 324.5 METRES ABOVE SEA LEVEL
WELL TYPE: DRILLED
WELL LOG: VERY BOULDERY, BROWN CLAY TILL 11.9; LIGHT BUFF, FRACTURED DOLOMITE WITH SILT 14.6; BUFF GREY DOLOMITE, BITUMINOUS AT THE BASE 25.3; GREY AND TAN DOLOMITE 31.6; BUFF LOOSE AND FRACTURED DOLOMITE WITH CLAY AND SILT 47.0; BUFF GREY DENSER DOLOMITE 58.6; GREY BROWN DOLOMITE, BITUMINOUS 65.0; LIGHT GREY DOLOMITE 81.1; GREY DOLOMITE 92.7; GREY, POROUS FOSSILEROUS AND CRYSTALLINE DOLOMITE 96.4

DIAMETER OF WELL: 15.2 CM
LENGTH OF CASING: 40.9 METRES
LENGTH OF SCREEN: NONE
DEPTH OF WELL: 115.3 METRES

PUMP RATE: 9.9 L/S
SPEC. CAP: 0.79 L/S/M
AQUIFER: DOLOMITE
QUALITY: FRESH

1986
DAILY MEAN WATER LEVELS IN METRES BELOW GROUND SURFACE

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1							6.06 E	6.00 E	6.15 E	6.24 E	6.31 E	6.62 E	1
2							6.07 E	6.00 E	6.16 E	6.25 E	6.32 E	6.59 E	2
3							6.07 E	6.01 E	6.17 E	6.25 E	6.28 E	6.60 E	3
4							6.08 E	6.03 E	6.16 E	6.24 E	6.29 E	6.60 E	4
5							6.07 E	6.03 E	6.17 E	6.26 E	6.31 E	6.59 E	5
6							6.10 E	6.04 E	6.18 E	6.24 E	6.29 E	6.58 E	6
7							6.08 E	6.03 E	6.19 E	6.23 E	6.29 E	6.57 E	7
8							6.08 E	6.02 E	6.19 E	6.23 E	6.32 E	6.55 E	8
9							6.09 E	6.04 E	6.18 E	6.26 E	6.28 E	6.52 E	9
10							6.09 E	6.05 E	6.20 E	6.24 E	6.33 E	6.49 E	10
11							6.09 E	6.04 E	6.19 E	6.23 E	6.32 E	6.48 E	11
12							6.11 E	6.05 E	6.22 E	6.26 E	6.31 E	6.45 E	12
13						6.03 E	6.12 E	6.06 E	6.20 E	6.27 E	6.29 E	6.47 E	13
14						6.03 E	6.12 E	6.06 E	6.20 E	6.27 E	6.30 E	6.47 E	14
15						6.04 E	6.09 E	6.07 E	6.22 E	6.26 E	6.31 E	6.45 E	15
16						6.06 E	6.09 E	6.09 E	6.21 E	6.26 E	6.32 E	6.47 E	16
17						6.06 E	6.10 E	6.09 E	6.22 E	6.24 E	6.29 E	6.44 E	17
18						6.05 E	6.12 E	6.08 E	6.23 E	6.26 E	6.30 E	6.45 E	18
19						6.05 E	6.12 E	6.10 E	6.23 E	6.27 E	6.46 E	6.49 E	19
20						6.04 E	6.12 E	6.10 E	6.21 E	6.28 E	6.61 E	6.48 E	20
21						6.03 E	6.10 E	6.11 E	6.22 E	6.28 E	6.61 E	6.47 E	21
22						6.02 E	6.08 E	6.13 E	6.23 E	6.31 E	6.62 E	6.45 E	22
23						6.03 E	6.09 E	6.14 E	6.24 E	6.31 E	6.61 E	6.43 E	23
24						6.03 E	6.10 E	6.14 E	6.23 E	6.27 E	6.61 E	6.46 E	24
25						6.03 E	6.10 E	6.14 E	6.21 E	6.25 E	6.62 E	6.46 E	25
26						6.02 E	6.10 E	6.14 E	6.24 E	6.29 E	6.62 E	6.45 E	26
27						6.05 E	6.08 E	6.15 E	6.24 E	6.30 E	6.58 E	6.48 E	27
28						6.04 E	6.05 E	6.16 E	6.25 E	6.29 E	6.57 E	6.45 E	28
29						6.03 E	6.02 E	6.16 E	6.24 E	6.31 E	6.60 E	6.45 E	29
30						6.06 E	6.02 E	6.15 E	6.24 E	6.29 E	6.61 E	6.46 E	30
31							6.01 E	6.15 E		6.28 E		6.45 E	31

-MONTHLY SUMMARY-

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
MEAN							6.08	6.08	6.21	6.27	6.42	6.50	MEAN
INST MAX							6.00 (31)	6.00 (1)	6.15 (1)	6.20 (8)	6.25 (9)	6.41 (18)	INST MAX
INST MIN							6.13 (14)	6.16 (28)	6.27 (26)	6.34 (23)	6.65 (22)	6.65 (3)	INST MIN

ENVIRONMENT ONTARIO
TORONTO
KENT COUNTY

OBSERVATION WELL 172

TOWN OF BOTHWELL — CONC. - LOT -

WELL REC #: 3300023
UTM CO-ORD: Z-17 E428050 N4719550
LAT & LONG: 42-38NORTH 81-53WEST

REC METHOD: A35 RECORDER
REC COMMCD: JUN, 5 1966
MEASURE PT: 0.7 METRES ABOVE GROUND SURFACE
GND ELEV: 206 METRES ABOVE SEA LEVEL
WELL TYPE: DRILLED
WELL LOG: BROWN FINE SAND 3.1; BROWN FINE SILTY SAND 4.6; BROWN AND GREY FINE SAND WITH SOME FINE GRAVEL, COARSE SAND SEAMS 6.1; GREY SILTY FINE SAND 8.5; GREY COARSE SAND AND FINE TO MEDIUM GRAVEL 10.4; GREY SILTY CLAY TILL 10.7.

DIAMETER OF WELL: 15 CM
LENGTH OF CASING: 9.2 METRES
LENGTH OF SCREEN: 1.2 METRES
DEPTH OF WELL: 10.4 METRES

PUMP RATE: 2.3 L/S
SPEC. CAP: 0.053 L/S/M
AQUIFER : SAND AND GRAVEL
QUALITY : FRESH

1988
DAILY MEAN WATER LEVELS IN METRES BELOW GROUND SURFACE

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.01	1.32	1.45	9.73	9.79	10.17	10.37	10.03		0.56 E	0.81 E	0.95 E	1
2	1.03	1.33	1.48	9.76	9.85	10.16	10.39	10.04		0.54 E	0.82 E	0.91 E	2
3	1.06	1.35	1.50	9.76	9.90	10.08	10.40	9.53		0.54 E	0.83 E	0.85 E	3
4	1.08	1.36	1.51	9.63	9.95	10.10	10.42	9.62		0.56 E	0.84 E	0.85 E	4
5	1.10	1.37	1.52	9.70	9.98	10.16	10.43	9.72		0.59 E	0.85 E	0.86 E	5
6	1.13	1.38	1.52	9.76	10.01	10.11	10.43	9.69		0.61 E	0.86 E	0.86 E	6
7	1.14	1.39	1.53	9.77	10.04	10.08	10.44			0.62 E	0.86 E	0.85 E	7
8	1.17	1.39	1.52	9.73	10.05	9.95	10.22			0.64 E	0.86 E	0.79 E	8
9	1.20	1.40	1.52	9.65	10.06	9.96	10.14			0.66 E	0.86 E	0.72 E	9
10	1.22	1.40	1.50	9.65	10.08	9.94	10.18			0.68 E	0.88 E	0.72 E	10
11	1.08	1.41	1.44	9.72	10.08	10.00	10.21			0.69 E	0.89 E	0.73 E	11
12	1.03	1.43	1.45	9.66	10.10	10.06	10.26			0.70 E	0.90 E	0.75 E	12
13	1.08	1.44	1.46	9.72	10.04	10.09	10.29			0.72 E	0.91 E	0.75 E	13
14	1.10	1.44	1.49	9.53	10.01	10.12	10.32			0.73 E	0.91 E	0.77 E	14
15	1.12	1.45	1.50	9.41	10.05	10.13	10.35			0.69 E	0.92 E	0.79 E	15
16	1.12	1.45	1.51	9.51	10.09	10.11	10.36			0.69 E	0.93 E	0.83 E	16
17	1.11	1.46	1.41	9.58	10.06	10.15	10.36			0.69 E	0.93 E	0.85 E	17
18	1.08	1.47	1.30	9.63	9.75	10.17	10.38			0.65 E	0.94 E	0.88 E	18
19	1.06	1.48	1.30	9.68	9.83	10.19	10.41		0.46 E	0.65 E	0.95 E	0.90 E	19
20	1.07	1.48	1.29	9.72	9.90	10.12	10.42		0.49 E	0.68 E	0.96 E	0.93 E	20
21	1.09	1.48	1.09	9.76	9.96	10.17	10.44		0.52 E	0.69 E	0.97 E	0.97 E	21
22	1.10	1.45	1.02	9.79	10.00	10.22	10.41		0.53 E	0.69 E	0.98 E	0.99 E	22
23	1.13	1.42	1.03	9.83	10.05	10.25	10.30		0.38 E	0.72 E	0.98 E	1.01 E	23
24	1.16	1.41		9.86	10.07	10.27	10.31		0.41 E	0.73 E	0.99 E	1.02 E	24
25	1.20	1.41	9.85	9.89	10.10	10.28	10.35		0.44 E	0.72 E	0.99 E	1.02 E	25
26	1.22	1.41	9.87	9.91	10.16	10.31	10.39		0.43 E	0.71 E	1.00 E	1.04 E	26
27	1.23	1.41	9.86	9.88	10.17	10.32	10.40		0.46 E	0.73 E	1.01 E	1.05 E	27
28	1.25	1.41	9.83	9.80	10.19	10.33	10.25		0.49 E	0.75 E	0.97 E	1.07 E	28
29	1.26	1.42	9.79	9.73	10.20	10.33	9.89		0.52 E	0.76 E	0.96 E	1.08 E	29
30	1.28		9.76	9.72	10.22	10.35	9.96		0.54 E	0.78 E	0.95 E	1.08 E	30
31	1.30		9.71		10.19		10.01			0.79 E		1.08 E	31
-MONTHLY SUMMARY-													
MEAN	1.14	1.41		9.72	10.03	10.16	10.31			0.68	0.92	0.90	MEAN
INST MAX	1.00 (11)	1.31 (1)		9.35 (14)	9.72 (18)	9.92 (10)	9.87 (29)			0.53 (2)	0.80 (1)	0.71 (10)	INST MAX
INST MIN	1.31 (31)	1.48 (21)		9.93 (27)	10.23 (30)	10.36 (30)	10.46 (22)			0.80 (31)	1.01 (27)	1.09 (30)	INST MIN

ENVIRONMENT ONTARIO
TORONTO
KENT COUNTY

OBSERVATION WELL 371

TOWNSHIP OF HOWARD — CONC 1 LOT 15

WELL REC #: 3306508
UTM CO-ORD: Z-17 E420620 N4710270
LAT & LONG: 42-33NORTH 81-58WEST

REC METHOD: A35 RECORDER
REC COMMCD: JUN 26 1972
MEASURE PT: 0.2 METRES ABOVE GROUND SURFACE
GND ELEV: 184 METRES ABOVE SEA LEVEL
WELL TYPE: DRILLED
WELL LOG: TOPSOIL 0.3; SOFT BROWN CLAY 3.4; BROWN SAND AND LOOSE GRAVEL 12.2; LOOSE BROWN GRAVEL AND HARD BROWN SHALE 22.3

DIAMETER OF WELL: 15 CM
LENGTH OF CASING: 15.9 METRES
LENGTH OF SCREEN: 4.6 METRES
DEPTH OF WELL: 20.5 METRES

PUMP RATE: 11.0 L/S
SPEC. CAP: 0.98 L/S/M
AQUIFER : GRAVEL
QUALITY : FRESH

1988
DAILY MEAN WATER LEVELS IN METRES BELOW GROUND SURFACE

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	6.08	7.00	7.18	5.98	4.83	4.48	4.34	4.48		7.35	7.37	7.44	1
2	6.26	7.02	7.19	5.82	4.83	4.48	4.34	4.45		7.36	7.38	7.45	2
3	6.40	7.08	7.20	5.69	4.81	4.47	4.34	4.47		7.35	7.38	7.41	3
4	6.51	7.05	7.20	5.57	4.79	4.47	4.33	4.44		7.35	7.38	7.42	4
5	6.59	7.06	7.21	5.53	4.76	4.46	4.33	4.47		7.36	7.39	7.36	5
6	6.67	7.07	7.22	5.66	4.74	4.47	4.33	4.43		7.37	7.35	7.34	6
7	6.71	7.09	7.23	5.61	4.71	4.47	4.32	4.43		7.37	7.35	7.33	7
8	6.75	7.10	7.23	5.43	4.69	4.55	4.32	4.41		7.37	7.36	7.34	8
9	6.78	7.11	7.24	5.35	4.68	4.60	4.31	4.57		7.37	7.36	7.26	9
10	6.82	7.12	7.24	5.34	4.66	4.60	4.32	4.55		7.38	7.40	7.19	10
11	6.80	7.13	7.22	5.35	4.66	4.58	4.37	4.52		7.38	7.38	7.08	11
12	6.40	7.14	7.22	5.33	4.63	4.55	4.36	4.51		7.39	7.41	7.02	12
13	5.85	7.15	7.21	5.27	4.62	4.54	4.35	4.49		7.39	7.39	7.08	13
14	5.53	7.16	7.23	5.26	4.61	4.53	4.34	4.47		7.40	7.40	7.13	14
15	5.60	7.17	7.24	5.55	4.59	4.49	4.33	4.45		7.40	7.40	7.16	15
16	5.79	7.17	7.24	6.01	4.58	4.48	4.32	4.43		7.41	7.41	7.21	16
17	6.02	7.18	7.18	6.56	4.57	4.48	4.31	4.41		7.40	7.41	7.21	17
18	6.20	7.18	7.04	6.23	4.60	4.46	4.30	4.40		7.39	7.41	7.23	18
19	6.41	7.19	6.37	5.69	4.66	4.44	4.30	4.39		7.38	7.43	7.24	19
20	6.54	7.20	6.01	5.45	4.65	4.44	4.29	4.38	7.35	7.37	7.44	7.25	20
21	6.63	7.20	5.70	5.31	4.65	4.43	4.28	4.37	7.36	7.37	7.43	7.27	21
22	6.68	7.20	4.82	5.22	4.64	4.42	4.28	4.36	7.37	7.37	7.43	7.31	22
23	6.75	7.18	4.33	5.13	4.62	4.41	4.28	4.36	7.34	7.37	7.43	7.29	23
24	6.79	7.18	3.96	5.06	4.60	4.40	4.29	4.34	7.32	7.36	7.44	7.31	24
25	6.82	7.17	4.04	4.99	4.58	4.39	4.28	4.33	7.33	7.35	7.45	7.32	25
26	6.87	7.15	4.80	4.94	4.55	4.38	4.28	4.32	7.33	7.35	7.45	7.33	26
27	6.90	7.14	5.43	4.90	4.54	4.37	4.27	4.31	7.33	7.36	7.46	7.34	27
28	6.92	7.15	5.76	4.87	4.54	4.36	4.26	4.30	7.34	7.36	7.47	7.35	28
29	6.94	7.17	5.83	4.86	4.53	4.36	4.32	4.30	7.34	7.36	7.48	7.38	29
30	6.96		5.88	4.85	4.51	4.35	4.44		7.35	7.36	7.44	7.37	30
31	6.98		5.85		4.50		4.50			7.36		7.37	31
-MONTHLY SUMMARY-													
MEAN	6.51	7.13	6.40	5.42	4.64	4.46	4.32			7.37	7.41	7.28	MEAN
INST MAX	5.49 (14)	6.99 (1)	3.90 (24)	4.84 (30)	4.49 (31)	4.34 (30)	4.26 (27)			7.35 (1)	7.28 (7)	7.02 (12)	INST MAX
INST MIN	6.99 (31)	7.20 (21)	7.24 (15)	6.61 (17)	4.84 (1)	4.60 (9)	4.50 (31)			7.41 (16)	8.12 (6)	8.11 (2)	INST MIN

ENVIRONMENT ONTARIO
TORONTO
LAMBTON COUNTY

OBSERVATION WELL 207

VILLAGE OF ALVINSTON CONC - LOT -

WELL REC #: 3400830
UTM CO-ORD: Z-17 E429160 N4740965
LAT & LONG: 42-49NORTH 81-53WEST

REC METHOD: A35 RECORDER
REC COMMCD: JUN 26 1967
MEASURE PT: 0,9 METRES ABOVE GROUND SURFACE
GND ELEV: 220 METRES ABOVE SEA LEVEL
WELL TYPE: DRILLED
WELL LOG: SAND 5,5; BLUE CLAY 22,9; SHALE GRAVEL 23; BLACK SHALE 23,8.

DIAMETER OF WELL: 18 CM
LENGTH OF CASING: 23,8 METRES
LENGTH OF SCREEN: NONE
DEPTH OF WELL: 23,8 METRES

PUMP RATE: 2 L/S
SPEC. CAP: 0,06 L/S/M
AQUIFER : SHALE
QUALITY : FRESH

1980
DAILY MEAN WATER LEVELS IN METRES BELOW GROUND SURFACE

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1				10,07	10,08	9,99	10,18	10,24	9,88 E	9,96 E	9,93 E	9,87 E	1
2				10,07	10,05	9,92	10,23	10,20	9,90 E	9,94 E	10,01 E	9,85 E	2
3				10,04	10,08	9,98	10,25	10,17	10,01 E	9,96 E	9,99 E	9,98 E	3
4				9,93	10,08	10,03	10,30	10,20	10,01 E	9,99 E	9,89 E	10,05 E	4
5				10,04	10,02	10,04	10,24	10,19	9,99 E	10,08 E	9,91 E	10,01 E	5
6				10,12	10,03	9,93	10,30	10,29	9,97 E	10,11 E	9,91 E	9,97 E	6
7				10,12	10,01	9,91	10,39	10,26	9,98 E	10,05 E	9,84 E	9,94 E	7
8				10,07	10,01	9,93	10,30	10,24	10,02 E	9,98 E	9,88 E	9,90 E	8
9				10,02	10,01	9,87	10,33	10,23	9,98 E	10,00 E	9,87 E	9,92 E	9
10				10,02	9,99	9,91	10,32	10,21	9,99 E	10,00 E	9,96 E	9,91 E	10
11				10,08	9,93	9,99	10,31	10,18	9,98 E	9,88 E	10,07 E	9,94 E	11
12				10,04	9,96	10,00	10,37	10,19	9,99 E	9,92 E	10,06 E	9,87 E	12
13				10,12	9,92	9,96	10,36	10,21	9,98 E	9,99 E	9,98 E	9,86 E	13
14				10,01	10,01	9,93	10,41	10,14	9,98 E	10,06 E	9,93 E	9,90 E	14
15				9,95	10,05	9,91	10,39	10,18	10,03 E	10,06 E	9,96 E	9,93 E	15
16				10,10	10,05	10,00	10,34	10,24	9,98 E	10,03 E	10,03 E	9,89 E	16
17				10,15	9,98	10,01	10,34	10,23	9,91 E	9,97 E	10,03 E	9,91 E	17
18				10,18	9,88	9,98	10,35	10,17	10,00 E	9,88 E	9,96 E	9,83 E	18
19				10,10	9,91	9,99	10,38	10,20	10,01 E	9,92 E	9,98 E	9,92 E	19
20				10,09	9,94	10,06	10,36	10,22	9,97 E	9,95 E	9,98 E	10,03 E	20
21				10,18	9,96	10,09	10,37	10,20	9,98 E	9,96 E	9,92 E	10,06 E	21
22				10,08	9,98	10,08	10,34	10,22	10,01 E	10,04 E	9,97 E	10,02 E	22
23				9,98	9,97	10,14	10,36	10,26	10,03 E	10,11 E	9,97 E	9,90 E	23
24				10,08	9,93	10,14	10,36	10,30	10,05 E	10,06 E	9,97 E	9,87 E	24
25			10,03	10,02	9,94	10,20	10,36	10,31	10,01 E	9,89 E	10,02 E	9,96 E	25
26			10,10	10,05	10,02	10,20	10,40	10,32	10,01 E	9,89 E	10,05 E	9,94 E	26
27			10,11	10,05	10,04	10,26	10,39	10,30	10,07 E	10,08 E	9,96 E	9,97 E	27
28			10,07	10,04	10,03	10,20	10,32		10,07 E	9,97 E	9,82 E	9,96 E	28
29			10,08	10,03	10,08	10,12	10,31	10,04 E	10,10 E	10,02 E	9,75 E	9,92 E	29
30			10,02	10,05	9,97	10,15	10,34	9,98 E	10,02 E	10,03 E	9,84 E	9,96 E	30
31			9,98		9,97		10,29	9,92 E		9,93 E		9,91 E	31

-MONTHLY SUMMARY-

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
MEAN				10,05	9,99	10,03	10,33		10,00	9,99	9,95	9,93	MEAN
INST MAX				9,88 (4)	9,87 (10)	9,87 (10)	10,16 (1)		9,86 (17)	9,85 (11)	9,73 (29)	9,80 (13)	INST MAX
INST MIN				10,17 (17)	10,09 (1)	10,32 (27)	10,48 (14)		10,12 (29)	10,12 (6)	10,08 (11)	10,07 (21)	INST MIN

ENVIRONMENT ONTARIO
TORONTO
LAMBTON COUNTY

OBSERVATION WELL 056

TOWN OF FOREST CONC - LOT -

WELL REC #: 3404047
UTM CO-ORD: Z-17 E410540 N4771920
LAT & LONG: 43-06NORTH 82-00WEST

REC METHOD: 'F' TYPE RECORDER
REC COMMCD: MAY 8 1950
MEASURE PT: 0,5 METRES ABOVE GROUND SURFACE
GND ELEV: 214 METRES ABOVE SEA LEVEL
WELL TYPE: DRILLED
WELL LOG: CLAY 33,6.

DIAMETER OF WELL: 15 CM
LENGTH OF CASING: 33,6 METRES
LENGTH OF SCREEN: NONE
DEPTH OF WELL: 33,6 METRES

PUMP RATE: N.A.
SPEC. CAP: N.A.
AQUIFER : CLAY
QUALITY : FRESH

1980
DAILY MEAN WATER LEVELS IN METRES BELOW GROUND SURFACE

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	30,41	30,65		30,40	29,99	30,38	30,29	30,29	30,26	29,90	30,38	30,28	1
2	30,40	30,66		30,39	30,09	30,34	30,31	30,23	30,33	29,88	30,42	30,25	2
3	30,46	30,68			30,08	30,42	30,33	30,26	30,42	29,88	30,31	30,52	3
4	30,45	30,68		29,92	30,02	30,52	30,36	30,29	30,41	29,91	30,22	30,46	4
5	30,41	30,68	30,11	30,03		30,52	30,28	30,32	30,41	30,04	30,29	30,46	5
6	30,37	30,61	30,26	30,06		30,39	30,35	30,38	30,39	30,04	30,23	30,39	6
7	30,23	30,64	30,23	30,02		30,20	30,36	30,35	30,39	29,97	30,17	30,35	7
8		30,71	30,16	29,96		30,32	30,27	30,25	30,41	29,90	30,25	30,31	8
9	30,80	30,64	30,16	29,92		30,23	30,30	30,24	30,38	29,97	30,18	30,34	9
10	30,74	30,52	30,08	29,93	30,37	30,30	30,30	30,32	30,40	29,98	30,33	30,33	10
11	30,54		30,18	30,03	30,27		30,33	30,24	30,36	29,85	30,43	30,42	11
12	30,79		30,29	29,96	30,29		30,37	30,28	30,38	29,90	30,43	30,30	12
13	30,71		30,17	30,04	30,27		30,40	30,36	30,35	29,98	30,36	30,32	13
14	30,73		30,18	29,88	30,34		30,45	30,37	30,33	30,04	30,38	30,33	14
15	30,79		30,37	29,82	30,42		30,41	30,30	30,37	30,08	30,40	30,33	15
16	30,70		30,27	30,06	30,47		30,35	30,31	30,28	29,97	30,47	30,31	16
17	30,62		30,15	30,10	30,40	30,51	30,32	30,26	30,31	29,92	30,49	30,35	17
18	30,70		30,37	30,11	30,26	30,36		30,27	30,42	29,87	30,38	30,24	18
19	30,76		30,43	30,05	30,20	30,32	30,40	30,30	30,44	29,85	30,39	30,36	19
20	30,72		30,35	30,02	30,35	30,28	30,32		30,38	29,90	30,38	30,49	20
21	30,63		30,16	30,04	30,38	30,36	30,36		30,33	29,91	30,35	30,58	21
22	30,49		30,33	29,98	30,42	30,35	30,34		30,34	30,01	30,39	30,48	22
23	30,48		30,40	29,93	30,42	30,35	30,36		30,47	30,10	30,38	30,36	23
24	30,46		30,29	29,93	30,38	30,40	30,38		30,46	30,01	30,33	30,31	24
25	30,48		30,30	29,95	30,41	30,48	30,39		30,40	29,80	30,43	30,42	25
26	30,61		30,45	29,98	30,50	30,40	30,37	30,35		29,83	30,48	30,34	26
27	30,63		30,47	29,95	30,48	30,48	30,33	30,36	30,05		30,42	30,48	27
28	30,63		30,42	29,89	30,47	30,34	30,33	30,39	30,03	30,32	30,25	30,45	28
29	30,68		30,36	29,89	30,46	30,21	30,32	30,40	30,04	30,40	30,18	30,34	29
30	30,70		30,33	29,93	30,41	30,29	30,39	30,34	29,96	30,37	30,26	30,38	30
31	30,63		30,26		30,42		30,28	30,26		30,30		30,34	31

-MONTHLY SUMMARY-

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
MEAN											30,35	30,37	MEAN
INST MAX											30,12 (7)	30,13 (2)	INST MAX
INST MIN											30,60 (16)	30,65 (3)	INST MIN

ENVIRONMENT ONTARIO — **OBSERVATION WELL 549** — WELL REC #: 3406612
TORONTO — UTM CO-ORD: Z-17 E407668 N4742665
LAMBTON COUNTY — TOWNSHIP OF ENNISKILLEN — CON. 7 LOT 15 — LAT & LONG: 42 - 50NORTH 82 - 10WEST

REC METHOD: A-71 RECORDER
REC COMMCD: AUG. 28 1979
MEASURE PT: 0.30 METRES ABOVE GROUND SURFACE
GND ELEV: 201 METRES ABOVE SEA LEVEL
WELL TYPE: BORED
WELL LOG: BROWN, BLUE CLAY 5.5.

DIAMETER OF WELL: 61 CM
LENGTH OF CASING: 5.5 METRES
LENGTH OF SCREEN: NONE
DEPTH OF WELL: 5.5 METRES

PUMP RATE: N.A. L/S
SPEC. CAP: N.A. L/S/M
AQUIFER : BLUE CLAY
QUALITY : FRESH

1980
DAILY MEAN WATER LEVELS IN METRES BELOW GROUND SURFACE

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0,43	0,86	1.28	0.54	0.59	0.64							1
2	0,41	0,88	1.28	0.57	0.60	0.60							2
3	0,44	0,90	1.27	0.50	0.62	0.57							3
4	0,46	0,92	1.27	0.44	0.64	0.62							4
5	0,51	0,94	1.29	0.54	0.66	0.65							5
6	0,51	0,95	1.31	0.57	0.68	0.57							6
7	0,50	0,98	1.32	0.58	0.71	0.57							7
8	0,50	1,00	1.31	0.56	0.74	0.57							8
9	0,57	1,00	1.33	0.49	0.77	0.56							9
10	0,56	1,01	1.32	0.44	0.79	0.57							10
11	0,52	1,02	1.33	0.47	0.80	0.61							11
12	0,54	1,05	1.30	0.42	0.83	0.62							12
13	0,59	1,08	1.34	0.43	0.59	0.66							13
14	0,61	1,10	1.36	0.28	0.60								14
15	0,60	1,11	1.38	0.29	0.64								15
16	0,65	1,12	1.30	0.37	0.69								16
17	0,64	1,19	1.32	0.40	0.63								17
18	0,63	1,16	1.21	0.41	0.55								18
19	0,60	1,18	1.17	0.52	0.58								19
20	0,65	1,20	1.13	0.56	0.60								20
21	0,65	1,22	0.64	0.46	0.61								21
22	0,64	1,22	0.57	0.46	0.64								22
23	0,66	1,23	0.58	0.58	0.66								23
24	0,68	1,23	0.55	0.59	0.67								24
25	0,70	1,23	0.56	0.61	0.70								25
26	0,73	1,24	0.48	0.63	0.74								26
27	0,75	1,22	0.51	0.61	0.77								27
28	0,77	1,24	0.52	0.57	0.79								28
29	0,79	1,27	0.49	0.56	0.81								29
30	0,82		0.51	0.57	0.81								30
31	0,83		0.49		0.68								31

-MONTHLY SUMMARY-

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
MEAN	0,61	1,09	1.03	0.50	0.68								MEAN
INST MAX	0,38 (2)	0,85 (1)	0.42 (26)	0.13 (14)	0.48 (17)								INST MAX
INST MIN	0,85 (31)	1,28 (29)	1.38 (16)	0.88 (27)	0.84 (30)								INST MIN

ENVIRONMENT ONTARIO — **OBSERVATION WELL 206** — WELL REC #: 4106020
TORONTO — UTM CO-ORD: Z-17 E460740 N4747920
MIDDLESEX COUNTY — TOWNSHIP OF CARADOC — RANGE 1 N LOT 15 — LAT & LONG: 42-53NORTH 81-29WEST

REC METHOD: 'F' TYPE RECORDER
REC COMMCD: JUN 27 1967
MEASURE PT: 1.0 METRES ABOVE GROUND SURFACE
GND ELEV: 238 METRES ABOVE SEA LEVEL
WELL TYPE: DUG
WELL LOG: OVERBURDEN 6.7.

DIAMETER OF WELL: 182 CM
LENGTH OF CASING: 6.7 METRES
LENGTH OF SCREEN: NONE
DEPTH OF WELL: 6.7 METRES

PUMP RATE: N.A.
SPEC. CAP: N.A.
AQUIFER : OVERBURDEN
QUALITY : FRESH

1980
DAILY MEAN WATER LEVELS IN METRES BELOW GROUND SURFACE

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0,80	1,24	1,32	1,59	1,91	2,34	2,51	2,43	2,64	2,41	2,30	2,33	1
2	0,85	1,25	1,33	1,64	1,96	2,34		2,42	2,61	2,41	2,31	2,30	2
3	0,90	1,27	1,35	1,69	2,00		2,55	2,41	2,57	2,41		2,26	3
4	0,95	1,28	1,37	1,53	2,04		2,63		2,55	2,40		2,23	4
5	0,99	1,29		1,54	2,07	2,30	2,88		2,53	2,40	2,33	2,22	5
6	1,02	1,30	2,40	1,64	2,09	2,30	3,00		2,53	2,40	2,33	2,22	6
7	1,04	1,31	2,41	1,71	2,11	2,29	2,90	2,39	2,52	2,39	2,33	2,21	7
8	1,06	1,32	2,42	1,71	2,13	2,24	2,88	2,40	2,53	2,39	2,33	2,17	8
9	1,09	1,33	2,43	1,57	2,15	2,18	2,81	2,41	2,53	2,39	2,33	2,11	9
10	1,11	1,34	2,43	1,56	2,17	2,12	2,77	2,42	2,54	2,39	2,33	2,09	10
11	1,04	1,35	2,43	1,66	2,18	2,12	2,74	2,43	2,55	2,39	2,34	2,08	11
12	0,94	1,36	2,43	1,68	2,20	2,14	2,72	2,44	2,56	2,40	2,34	2,08	12
13	0,98	1,37	2,43	1,72	2,20	2,18	2,71	2,46	2,57	2,40	2,34	2,08	13
14	1,03	1,38	2,43	1,63	2,16	2,21	2,70	2,47	2,54	2,40	2,35	2,08	14
15	1,05	1,39	2,44	1,31	2,14	2,23	2,69	2,48	2,51	2,38	2,35	2,08	15
16	1,06	1,40	2,45	1,62	2,15	2,26	2,70	2,49	2,49	2,37	2,35	2,11	16
17	1,06	1,40	2,43	1,56	2,17	2,28	2,70	2,50	2,47	2,35	2,36	2,14	17
18	1,06	1,41	2,36	1,66	2,07	2,30	2,70	2,52	2,46	2,33	2,36	2,17	18
19	1,06	1,41	2,30	1,75	2,01	2,32	2,69	2,53	2,46	2,32	2,36	2,19	19
20	1,06	1,42	2,26	1,83	2,02	2,33	2,68	2,53	2,46	2,31	2,36	2,22	20
21	1,06	1,42	2,00	1,88	2,05	2,33	2,68	2,54	2,46	2,30	2,37	2,24	21
22	1,07	1,40	1,74	1,92	2,09	2,35	2,67	2,56	2,46	2,30	2,37	2,26	22
23	1,08	1,38	1,76	1,96	2,12	2,37	2,66	2,56	2,44	2,30	2,37	2,28	23
24	1,09	1,35	1,72	1,99	2,15	2,40	2,62	2,57	2,42	2,30	2,37	2,30	24
25	1,11	1,32	1,59	2,01	2,19	2,41	2,61	2,58	2,41	2,30	2,37	2,31	25
26	1,14	1,30	1,67	2,03	2,22	2,43	2,61	2,59	2,40	2,29	2,37	2,32	26
27	1,16	1,29	1,74	2,04	2,25	2,45	2,61	2,61	2,40	2,29	2,37	2,33	27
28	1,17	1,29	1,74	2,01	2,28	2,47	2,58	2,62	2,40	2,28	2,36	2,34	28
29	1,19	1,30	1,67	1,95	2,30	2,48	2,53	2,63	2,40	2,29	2,35	2,35	29
30	1,20		1,63	1,88	2,32	2,50	2,48	2,64	2,41	2,29	2,34	2,35	30
31	1,22		1,59		2,33		2,45	2,65		2,30		2,35	31

-MONTHLY SUMMARY-

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
MEAN	1,05	1,34		1,70	2,14				2,49	2,35		2,22	MEAN
INST MAX	0,78 (1)	1,23 (1)		1,29 (15)	1,88 (1)				2,39 (27)	2,28 (28)		2,08 (11)	INST MAX
INST MIN	1,23 (31)	1,42 (21)		2,04 (27)	2,38 (31)				2,65 (1)	2,41 (1)		2,36 (31)	INST MIN

ENVIRONMENT ONTARIO
TORONTO
MIDDLESEX COUNTY

OBSERVATION WELL 543

TOWNSHIP OF CARADOC   CONC. 3   LOT 22

WELL REC #: 4106709
UTM CO-ORD: Z-17 E461148 N4752335
LAT & LONG: 42 -56NORTH 81 -28WEST

REC METHOD: A-71 RECORDER
REC COMMCD: MAY 15 1975
MEASURE PT: METRES ABOVE GROUND SURFACE
GND ELEV: 252 METRES ABOVE SEA LEVEL
WELL TYPE: DRILLED
WELL LOG: BROWN CLAY & SILT 4.3; BROWN CLAY 5.5; SILTY BLUE CLAY 15.5; FINE, DIRTY GRAVEL 20.4; MEDIUM GRAVEL 28.7.

DIAMETER OF WELL: 15 CM
LENGTH OF CASING: 27.8 METRES
LENGTH OF SCREEN: 0.9 METRES
DEPTH OF WELL: 28.7 METRES

PUMP RATE: 10 L/S
SPEC. CAP: 0.28 L/S/M
AQUIFER : MEDIUM GRAVEL
QUALITY : FRESH

1980
DAILY MEAN WATER LEVELS IN METRES BELOW GROUND SURFACE

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1											11.00		1
2										11.38	11.11		2
3										11.14	11.03		3
4										11.11	11.05		4
5										11.03	11.03		5
6										11.05	11.03		6
7										10.93	11.07		7
8										10.83	10.97		8
9										11.14	11.03		9
10										11.06	10.94		10
11										10.98			11
12										11.00			12
13										10.97	11.44		13
14										11.07	11.35		14
15										11.07	11.51		15
16										11.22			16
17										11.10	11.47		17
18										11.02			18
19										11.07			19
20										11.06			20
21										11.11			21
22										11.10	11.49		22
23										11.14	11.40		23
24										11.03			24
25										11.02			25
26										11.05			26
27										11.05	11.51		27
28										11.09			28
29										11.14			29
30										11.06			30
31										10.99			31

-MONTHLY SUMMARY-

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
MEAN													MEAN
INST MAX													INST MAX
INST MIN													INST MIN

ENVIRONMENT ONTARIO
TORONTO
MIDDLESEX COUNTY

OBSERVATION WELL 198

TOWNSHIP OF LOBO   CONC. 2   LOT 5

WELL REC #: 4106413
UTM CO-ORD: Z-17 E464840 N4755200
LAT & LONG: 81-27NORTH 42-55WEST

REC METHOD: 'F' TYPE RECORDER
REC COMMCD: MAY 16 1963
MEASURE PT: 0.07 METRES ABOVE GROUND SURFACE
GND ELEV: 245 METRES ABOVE SEA LEVEL
WELL TYPE: DUG
WELL LOG: BROWN SAND AND GRAVEL 6.7.

DIAMETER OF WELL: 91 CM
LENGTH OF CASING: 6.7 METRES
LENGTH OF SCREEN: NONE
DEPTH OF WELL: 6.7 METRES

PUMP RATE: N.A.
SPEC. CAP: N.A.
AQUIFER : SAND AND GRAVEL
QUALITY : FRESH

1980
DAILY MEAN WATER LEVELS IN METRES BELOW GROUND SURFACE

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1		4.27		4.10					4.48	4.58	4.66	4.74	1
2		4.28		4.10					4.48	4.59	4.66	4.73	2
3		4.28		4.09					4.49	4.59	4.66	4.72	3
4		4.28		4.08					4.50	4.59	4.67	4.72	4
5		4.28		4.08					4.51	4.60	4.67	4.72	5
6		4.28		4.07					4.52	4.60	4.67	4.73	6
7		4.29		4.07					4.53	4.60		4.73	7
8		4.29		4.06					4.55	4.60		4.72	8
9	4.28	4.29		4.05					4.56	4.61		4.71	9
10	4.28			4.05					4.57	4.61		4.70	10
11	4.26			4.04					4.58	4.62		4.70	11
12	4.24			4.04					4.59	4.62		4.69	12
13	4.24			4.04					4.60	4.62	4.70	4.69	13
14	4.24			4.02					4.59	4.62	4.70	4.69	14
15	4.24			4.00					4.57	4.62	4.70	4.69	15
16	4.24			3.98					4.55	4.62	4.70		16
17	4.25			3.96					4.55	4.62	4.71	4.70	17
18	4.25			3.94					4.55	4.62	4.71	4.69	18
19	4.25			3.93					4.55	4.63	4.71	4.70	19
20	4.25			3.92					4.56	4.63	4.72	4.70	20
21	4.25			3.92					4.56	4.63	4.72	4.70	21
22	4.25			3.92					4.56	4.63	4.72	4.70	22
23	4.25			3.93				4.38	4.55	4.63	4.72	4.71	23
24	4.25			3.94				4.39	4.55	4.63	4.73	4.71	24
25	4.26			3.94				4.40	4.56	4.64	4.73	4.71	25
26	4.26		4.12	3.95				4.41	4.56	4.64	4.73	4.71	26
27	4.26		4.12					4.42	4.57	4.64	4.73	4.71	27
28	4.26		4.11					4.43	4.57	4.64	4.74	4.72	28
29	4.27		4.11					4.45	4.58	4.65	4.74	4.72	29
30	4.27		4.11					4.46	4.58	4.65	4.74	4.72	30
31	4.27		4.10					4.47		4.65		4.72	31

-MONTHLY SUMMARY-

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
MEAN									4.55	4.62			MEAN
INST MAX									4.47 (1)	4.58 (1)			INST MAX
INST MIN									4.60 (13)	4.65 (31)			INST MIN

ENVIRONMENT ONTARIO — OBSERVATION WELL 107 — WELL REC #: 4100889
TORONTO — UTM CO-ORD: 2-17 E465180 N4755160
MIDDLESEX COUNTY — TOWNSHIP OF LOBO — CONC. 2 LOT 6 — LAT & LONG: 42-57NORTH 81-26WEST

REC METHOD: A35 RECORDER — DIAMETER OF WELL: 20 CM — PUMP RATE: N.A.
REC COMMCD: JUN 19 1963 — LENGTH OF CASING: 36.6 METRES — SPEC. CAP: N.A.
MEASURE PT: 1.0 METRES ABOVE GROUND SURFACE — LENGTH OF SCREEN: 3.0 METRES — AQUIFER : GRAVEL
GND ELEV: 246 METRES ABOVE SEA LEVEL — DEPTH OF WELL: 39.6 METRES — QUALITY : FRESH
WELL TYPE: DRILLED
WELL LOG: SANDY CLAY AND GRAVEL 2.1; SAND GRAVEL AND SMALL BOULDERS 7.6; SANDY BLUE CLAY 14.6; BLUE CLAY AND GRAVEL 25.9; HARD SANDY CLAY AND GRAVEL 48.8.

1980
DAILY MEAN WATER LEVELS IN METRES BELOW GROUND SURFACE

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1		8.98	9.02	8.94 E	8.89 E	9.03 E	9.18	9.35	9.37	9.29	9.31	9.06	1
2		8.94	8.98	8.97 E	8.91 E	8.98 E	9.20	9.34	9.36	9.30	9.32	9.08	2
3		8.91	8.94	8.97 E	8.92 E	8.98 E	9.24	9.25	9.43	9.28	9.28	9.06	3
4		8.91	8.97	8.89 E	8.91 E	9.00	9.30	9.21	9.44	9.24	9.24	9.11	4
5		8.93	8.98	8.87 E	8.93 E	9.02	9.30	9.22	9.45	9.21	9.23	9.11	5
6		8.92	9.02	8.85 E	9.02 E	9.03	9.35	9.27	9.44	9.20	9.24	9.11	6
7		8.94	9.02	8.86 E	9.07 E	8.99	9.45	9.32	9.37	9.21	9.23	9.05	7
8		8.98	9.00	8.88 E	9.09 E	8.92	9.44	9.37	9.34	9.22	9.21	9.01	8
9	8.95	8.98	8.96	8.87 E	9.10 E	8.88	9.46	9.36	9.38	9.27	9.17	9.01	9
10	8.97	8.94	8.92	8.86 E	9.11 E	8.88	9.47	9.29	9.42	9.31	9.16	9.02	10
11	8.91	8.92	8.96	8.88 E	9.07 E	8.93	9.50	9.24	9.42	9.29	9.22	9.04	11
12	8.91	8.95	9.01	8.85 E	9.10 E	8.98	9.49	9.27	9.43	9.27	9.27	9.05	12
13	8.89	8.97	9.00	8.82 E	9.12 E	8.99	9.42	9.29	9.43	9.25	9.29	9.01	13
14	8.88	9.00	9.01	8.79 E	9.09 E	9.02	9.39	9.28	9.36	9.23	9.29	8.99	14
15	8.91	9.02	9.04	8.77 E	9.09 E	9.00	9.45	9.27	9.33	9.26	9.29	8.97	15
16	8.91	9.00	9.00	8.82 E	9.11 E	9.01	9.44	9.28	9.32	9.29	9.24	8.99	16
17	8.89	8.96	8.95	8.87 E	9.09 E	9.06	9.43	9.27	9.30	9.28	9.21	9.01	17
18	8.91	8.94	8.99	8.88 E	9.00 E	9.09	9.44	9.28	9.31	9.23	9.19	9.02	18
19	8.92	8.93	9.01	8.86 E	8.93 E	9.12	9.41	9.31	9.32	9.17	9.21	9.05	19
20	8.90	8.97	9.00	8.81 E	8.94 E	9.11	9.38	9.33	9.34	9.14	9.22	9.10	20
21	8.87	8.99	8.95	8.80 E	8.99 E	9.08	9.35	9.34	9.28	9.15	9.20	9.08	21
22	8.87	8.99	8.96	8.81 E	9.03 E	9.12	9.36	9.33	9.27	9.18	9.21	9.04	22
23	8.86	8.99	8.94	8.85 E	9.04 E	9.17	9.33	9.32	9.30	9.25	9.16	9.03	23
24	8.87	8.94	8.89	8.90 E	9.07 E	9.25	9.34	9.26	9.32	9.28	9.10	9.07	24
25	8.89	8.93	8.92 E	8.93 E	9.03 E	9.26	9.38	9.22	9.30	9.26	9.12	9.10	25
26	8.91	8.98	8.96 E	8.93 E	9.06 E	9.29	9.39	9.28	9.30	9.22	9.16	9.07	26
27	8.88	8.96	8.98 E	8.89 E	9.11 E	9.31	9.34	9.34	9.31	9.22	9.16	9.02	27
28	8.88	8.97	8.97 E	8.85 E	9.13 E	9.33	9.31	9.37	9.29	9.23	9.12	9.03	28
29	8.90	9.00	8.92 E	8.83 E	9.13 E	9.20	9.32	9.42	9.27	9.27	9.10	9.01	29
30	8.91		8.91 E	8.83 E	9.12 E	9.14	9.33	9.44	9.28	9.29	9.07	9.00	30
31	8.92		8.90 E		9.09 E		9.36	9.40		9.29		9.02	31
-MONTHLY SUMMARY-													
MEAN		8.96	8.97	8.86	9.04	9.07	9.37	9.31	9.35	9.24	9.21	9.04	MEAN
INST MAX		8.89 (4)	8.88 (24)	8.76 (15)	8.85 (1)	8.87 (9)	9.18 (1)	9.19 (25)	9.26 (21)	9.13 (20)	9.07 (30)	8.96 (15)	INST MAX
INST MIN		9.03 (29)	9.05 (15)	8.98 (3)	9.15 (28)	9.35 (28)	9.52 (12)	9.45 (30)	9.47 (6)	9.31 (10)	9.33 (2)	9.13 (20)	INST MIN

ENVIRONMENT ONTARIO — OBSERVATION WELL 071 — WELL REC #: 4105766
TORONTO — UTM CO-ORD: 2-17 E478438 N4747840
MIDDLESEX COUNTY — TOWNSHIP OF WESTMINSTER — NTR E LOT 62 — LAT & LONG: 42-53NORTH 81-16WEST

REC METHOD: A35 RECORDER — DIAMETER OF WELL: 91 CM — PUMP RATE: N.A.
REC COMMCD: OCT 16 1958 — LENGTH OF CASING: 13.7 METRES — SPEC. CAP: N.A.
MEASURE PT: 0.0 METRES ABOVE GROUND SURFACE — LENGTH OF SCREEN: NONE — AQUIFER : CLAY
GND ELEV: 263 METRES ABOVE SEA LEVEL — DEPTH OF WELL: 13.7 METRES — QUALITY : FRESH
WELL TYPE: DUG
WELL LOG: CLAY 13.7.

1980
DAILY MEAN WATER LEVELS IN METRES BELOW GROUND SURFACE

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.15	1.59	1.92	1.47	1.40	1.92	2.05	2.17	2.20	2.27 E	2.34 E	2.38 E	1
2	1.17	1.61	1.93	1.45	1.42	1.93	2.06	2.17	2.20	2.28 E	2.34 E	2.37 E	2
3		1.63	1.93	1.44	1.44	1.93	2.07	2.17	2.20	2.28 E	2.34 E	2.34 E	3
4		1.65	1.94	1.37	1.47	1.94	2.07	2.17	2.20	2.28 E	2.34 E	2.34 E	4
5		1.65	1.95	1.32	1.49	1.95	2.08	2.17	2.21	2.29 E	2.34 E	2.34 E	5
6		1.66	1.96	1.31	1.52	1.95	2.08	2.17	2.21	2.29 E	2.34 E	2.34 E	6
7		1.67	1.97	1.32	1.54	1.95	2.09	2.17	2.21	2.30 E	2.35 E	2.33 E	7
8		1.70	1.98	1.33	1.57	1.93	2.10	2.17	2.21	2.30 E	2.35 E	2.29 E	8
9	1.34	1.72	1.98	1.31	1.59	1.93	2.10	2.17	2.22	2.30 E	2.35 E	2.19 E	9
10	1.36	1.74	1.99	1.31	1.61	1.93	2.10	2.17	2.22	2.31 E	2.35 E	2.15 E	10
11	1.34	1.74	1.98	1.30	1.64	1.93	2.11	2.17	2.22	2.31 E	2.35 E	2.14 E	11
12	1.30	1.76	1.98	1.30	1.66	1.93	2.12	2.17	2.22	2.31 E	2.35 E	2.13 E	12
13	1.31	1.77	1.99	1.29	1.68	1.94	2.12	2.17	2.23	2.31 E	2.35 E	2.12 E	13
14	1.33	1.78	2.00	1.14	1.70	1.94	2.13	2.17	2.24	2.32 E	2.35 E	2.13 E	14
15	1.35	1.80	2.01	0.97	1.72	1.95	2.13	2.17	2.24	2.32 E	2.35 E	2.13 E	15
16	1.36	1.81	2.01	0.93	1.73	1.96	2.14	2.17	2.24	2.32 E	2.35 E	2.13 E	16
17	1.38	1.82	1.98	0.94	1.75	1.96	2.15	2.17	2.24	2.32 E	2.35 E	2.13 E	17
18	1.40	1.83	1.95	0.98	1.75	1.97	2.15	2.17	2.25	2.32 E	2.35 E	2.13 E	18
19	1.41	1.84	1.95	1.01	1.76	1.98	2.16	2.18	2.25	2.32 E	2.36 E	2.14 E	19
20	1.43	1.86	1.94	1.05	1.77	1.98	2.16	2.18	2.25	2.33 E	2.36 E	2.14 E	20
21	1.44	1.86	1.80	1.09	1.78	1.99	2.16	2.18	2.25	2.33 E	2.36 E	2.15 E	21
22	1.45	1.87	1.75	1.12	1.79	1.99	2.17	2.18	2.25	2.33 E	2.36 E	2.16 E	22
23	1.47	1.87	1.75	1.16	1.81	2.00	2.17	2.18	2.26	2.33 E	2.36 E	2.16 E	23
24	1.48	1.87	1.75	1.19	1.82	2.01	2.18	2.18	2.26	2.33 E	2.37 E	2.17 E	24
25	1.50	1.87	1.72	1.23	1.83	2.01	2.18	2.18	2.25	2.33 E	2.37 E	2.17 E	25
26	1.51	1.88	1.71	1.27	1.85	2.02	2.19	2.19	2.26 E	2.33 E	2.37 E	2.18 E	26
27	1.53	1.89	1.69	1.30	1.86	2.03	2.19	2.19	2.26 E	2.33 E	2.37 E	2.18 E	27
28	1.54	1.90	1.67	1.33	1.88	2.03	2.18	2.19	2.26 E	2.33 E	2.37 E	2.19 E	28
29	1.56	1.91	1.63	1.36	1.89	2.04	2.18	2.20	2.26 E	2.33 E	2.38 E	2.20 E	29
30	1.56		1.58	1.38	1.90	2.05	2.17	2.20	2.27 E	2.34 E	2.38 E	2.21 E	30
31	1.57		1.53		1.91		2.17	2.20		2.34 E		2.22 E	31
-MONTHLY SUMMARY-													
MEAN		1.78	1.87	1.23	1.69	1.97	2.13	2.18	2.23	2.31	2.35	2.21	MEAN
INST MAX		1.58 (1)	1.49 (31)	0.93 (17)	1.39 (1)	1.91 (1)	2.05 (1)	2.17 (6)	2.20 (1)	2.27 (1)	2.34 (1)	2.12 (13)	INST MAX
INST MIN		1.91 (29)	2.01 (16)	1.49 (1)	1.91 (31)	2.05 (30)	2.19 (27)	2.20 (30)	2.27 (30)	2.34 (31)	2.38 (30)	2.38 (1)	INST MIN

ENVIRONMENT ONTARIO
TORONTO
MIDDLESEX COUNTY

OBSERVATION WELL 513

TOWNSHIP OF WESTMINSTER — CONC. 5 LOT 22

WELL REC #: 4103738
UTM CO-ORD: 2-17 E479040 N4748890
LAT & LONG: 42-54NORTH 81-15WEST

REC METHOD: A35 RECORDER
REC COMMCD: AUG 9 1959
MEASURE PT: 1.6 METRES ABOVE GROUND SURFACE
GND ELEV: 258 METRES ABOVE SEA LEVEL
WELL TYPE: DRILLED
WELL LOG: TOPSOIL 0.3; FINE SAND 2.4; BLUE CLAY 14.6; CLAY AND GRAVEL 24.4; BLUE CLAY AND GRAVEL 28.7; CLAY AND GRAVEL 30.2; GRAVEL AND MIXED SAND 31.4; CLAY AND GRAVEL 31.7; GRAVEL AND MIXED SAND 36; FINE SAND 38.1; MIXED SAND AND SILT, CLAY 39.3; GRAVEL AND FINE SAND 42.3; GRAVEL 43.9.

DIAMETER OF WELL: 30 CM
LENGTH OF CASING: 31.1 METRES
LENGTH OF SCREEN: 3 METRES
DEPTH OF WELL: 34.2 METRES

PUMP RATE: 53.2 L/S
SPEC. CAP: 0.41 L/S/M
AQUIFER : GRAVEL
QUALITY : FRESH

1980
DAILY MEAN WATER LEVELS IN METRES BELOW GROUND SURFACE

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1		9,01	8,96	8,80	8,65	8,58	8,56	8,52	8,51 E	8,51 E	8,54 E	8,56 E	1
2		9,01	8,93	8,78	8,65	8,57	8,58	8,51	8,51 E	8,50 E	8,57 E	8,53 E	2
3		9,01	8,92	8,71	8,64	8,60	8,58	8,50	8,53 E	8,50 E	8,55 E	8,62 E	3
4		9,00	8,91	8,76	8,61	8,62	8,58	8,52	8,53 E	8,51 E	8,52 E	8,63 E	4
5		8,98	8,95	8,78	8,60	8,60	8,56	8,52	8,52 E	8,55 E	8,53 E	8,61 E	5
6		9,01	8,93	8,77	8,61	8,58	8,59	8,54	8,52 E	8,55 E	8,53 E	8,60 E	6
7		9,01	8,90	8,74	8,63	8,56	8,57	8,54	8,52 E	8,53 E	8,50 E	8,58 E	7
8		8,98	8,90	8,70	8,63	8,58	8,55	8,52	8,52 E	8,50 E	8,54 E	8,55 E	8
9	9,09	8,96	8,87	8,71	8,63	8,56	8,57	8,51	8,51 E	8,53 E	8,51 E	8,57 E	9
10	9,08	8,94	8,92	8,73	8,60	8,59	8,58	8,51	8,52 E	8,52 E	8,56 E	8,57 E	10
11	8,99	8,98	8,95	8,71	8,62	8,61	8,59	8,51	8,52 E	8,49 E	8,58 E	8,59 E	11
12	9,03	8,98	8,90	8,74	8,61	8,61	8,59	8,50	8,51 E	8,52 E	8,58 E	8,54 E	12
13	9,05	8,98	8,92	8,69	8,61	8,59	8,58	8,51	8,51 E	8,55 E	8,56 E	8,57 E	13
14	9,05	8,95	8,97	8,66	8,64	8,57	8,58	8,50	8,50 E	8,55 E	8,56 E	8,57 E	14
15	9,02	8,93	8,94	8,74	8,66	8,57	8,57	8,50	8,51 E	8,55 E	8,57 E	8,57 E	15
16	9,01	8,95	8,87	8,76	8,66	8,59	8,56	8,52	8,50 E	8,55 E	8,59 E	8,56 E	16
17	9,02	8,96	8,94	8,74	8,60	8,58	8,55	8,53	8,49 E	8,52 E	8,58 E	8,56 E	17
18	9,03	8,95	8,93	8,72	8,61	8,57	8,58	8,51	8,53 E	8,50 E	8,56 E	8,54 E	18
19	9,02	8,93	8,88	8,70	8,62	8,54	8,57	8,51	8,54 E	8,51 E	8,58 E	8,60 E	19
20	8,98	8,95	8,82	8,70	8,62	8,57	8,57	8,51	8,52 E	8,51 E	8,57 E	8,62 E	20
21	8,95	8,92	8,89	8,68	8,62	8,58	8,57	8,50	8,50 E	8,52 E	8,56 E	8,62 E	21
22	8,95	8,95	8,89	8,65	8,61	8,58	8,56	8,50 E	8,50 E	8,56 E	8,59 E	8,61 E	22
23	8,95	8,95	8,83	8,67	8,60	8,58	8,56	8,52 E	8,52 E	8,58 E	8,58 E	8,57 E	23
24	8,98	8,95	8,84	8,66	8,59	8,58	8,56	8,53 E	8,54 E	8,55 E	8,57 E	8,57 E	24
25	9,01	8,95	8,86	8,67	8,61	8,58	8,56	8,53 E	8,52 E	8,50 E	8,58 E	8,60 E	25
26	9,00	8,91	8,86	8,66	8,62	8,57	8,56	8,53 E	8,54 E	8,52 E	8,60 E	8,58 E	26
27	9,01	8,94	8,83	8,64	8,62	8,57	8,54	8,53 E	8,55 E	8,55 E	8,55 E	8,61 E	27
28	9,01	8,98	8,80	8,64	8,62	8,56	8,53	8,53 E	8,55 E	8,54 E	8,52 E	8,60 E	28
29	9,02	8,98	8,79	8,64	8,61	8,53	8,53	8,53 E	8,54 E	8,56 E	8,51 E	8,57 E	29
30	9,01		8,76	8,65	8,59	8,55	8,52	8,53 E	8,53 E	8,56 E	8,56 E	8,57 E	30
31	9,01		8,81		8,59		8,52	8,52 E		8,53 E		8,56 E	31

-MONTHLY SUMMARY-

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
MEAN		8,97	8,89	8,71	8,62	8,58	8,56	8,52	8,52	8,53	8,56	8,58	MEAN
INST MAX		8,90 (26)	8,75 (30)	8,63 (13)	8,58 (24)	8,53 (29)	8,52 (31)	8,49 (12)	8,46 (17)	8,48 (25)	8,48 (9)	8,50 (2)	INST MAX
INST MIN		9,02 (7)	8,98 (1)	8,81 (1)	8,66 (15)	8,62 (4)	8,60 (6)	8,54 (7)	8,55 (27)	8,58 (23)	8,60 (26)	8,64 (3)	INST MIN

ENVIRONMENT ONTARIO
TORONTO
OXFORD COUNTY

OBSERVATION WELL 542

TOWNSHIP OF BLENHEIM — CONC. 13 LOT 18

WELL REC #: 4704983
UTM CO-ORD: 2-17 E536500 N4790630
LAT & LONG: 43-18 NORTH 80-37 WEST

REC METHOD: A35 RECORDER
REC COMMCD: OCT. 26 1970
MEASURE PT: 0.43 METRES ABOVE GROUND SURFACE
GND ELEV: 307 METRES ABOVE SEA LEVEL
WELL TYPE: DRILLED
WELL LOG: STONY TILL 5.8; SILTY CLAY 7.6; STONY TILL 9.8; FINE SAND 13.7; COARSE SAND 16.2; MUDDY COARSE SAND 16.8; VERY COARSE SAND 17.1.

DIAMETER OF WELL: 18 CM
LENGTH OF CASING: 14.8 METRES
LENGTH OF SCREEN: 1.5 METRES
DEPTH OF WELL: 16.3 METRES

PUMP RATE: 8 L/S
SPEC. CAP: N.A.
AQUIFER : COARSE SAND
QUALITY : FRESH

1980
DAILY MEAN WATER LEVELS IN METRES BELOW GROUND SURFACE

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1					1,72	2,03	2,11	1,98	2,22	2,22	2,18	2,13	1
2				1,49	1,76	2,04	2,11	2,00	2,22	2,21	2,11	1,95	2
3				1,50	1,79	2,04	2,12	2,02	2,23	2,18	2,12	1,86	3
4				1,42	1,81	2,03	2,13	2,05	2,24	2,18	2,13	1,85	4
5				1,39	1,86	2,03	2,15	2,07	2,24	2,18	2,17	1,89	5
6				1,51	1,89	2,02	2,16	2,10	2,24	2,17	2,18	1,93	6
7				1,58	1,93	1,98	2,16	2,10	2,25	2,18	2,17	1,95	7
8				1,61	1,96	1,97	2,18	2,15	2,25	2,19	2,15	1,82	8
9				1,53	1,97	2,01	2,17	2,18	2,25	2,19	2,15	1,62	9
10				1,51	1,96	2,03	2,18	2,18	2,26	2,19	2,16	1,73	10
11				1,54	1,97	2,05	2,19	2,18	2,27	2,20	2,15	1,81	11
12				1,55	2,01	2,05	2,19	2,18	2,25	2,20	2,15	1,85	12
13				1,58	1,99	2,06	2,20	2,19	2,21	2,19	2,14	1,86	13
14				1,53	2,00	2,06	2,21	2,19	2,22	2,20	2,13	1,79	14
15				1,25	2,01	2,09	2,20	2,20	2,22	2,20	2,14	1,78	15
16				1,38	1,98	2,10	2,20	2,19	2,22	2,19	2,15	1,80	16
17				1,52	1,97	2,12	2,21	2,21	2,24	2,12	2,15	1,81	17
18				1,60	1,90	2,12	2,21	2,22	2,24	2,09	2,17	1,87	18
19				1,66	1,81	2,12	2,21	2,22	2,23	2,10	2,16	1,92	19
20				1,71	1,81	2,11	2,22	2,23	2,22	2,11	2,16	1,94	20
21				1,76	1,86	2,10	2,23	2,24	2,24	2,11	2,17	1,94	21
22				1,81	1,88	2,10	2,09	2,24	2,20	2,12	2,17	1,95	22
23				1,85	1,93	2,13	2,08	2,24	2,19	2,12	2,16	1,96	23
24				1,87	1,93	2,15	2,12	2,24	2,18	2,11	2,18	1,99	24
25				1,90	1,96	2,15	2,13	2,25	2,19	2,06	2,18	1,99	25
26				1,91	1,98	2,16	2,14	2,26	2,19	2,06	2,18	2,02	26
27				1,92	2,04	2,16	2,13	2,25	2,19	2,06	2,17	2,03	27
28				1,91	2,04	2,12	1,76	2,24	2,20	2,05	2,17	2,03	28
29				1,79	2,04	2,10	1,73	2,25	2,22	2,06	2,17	2,04	29
30				1,70	2,04	2,10	1,86	2,23	2,22	2,06	2,17		30
31					2,05		1,92	2,24		2,09			31

-MONTHLY SUMMARY-

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
MEAN					1,93	2,08	2,12	2,18	2,22	2,14	2,16		MEAN
INST MAX					1,88 (1)	1,96 (7)	1,58 (28)	1,93 (1)	2,17 (25)	2,03 (28)	2,08 (1)		INST MAX
INST MIN					2,17 (27)	2,28 (26)	2,29 (21)	2,32 (26)	2,33 (11)	2,28 (2)	2,26 (6)		INST MIN

ENVIRONMENT ONTARIO
TORONTO
OXFORD COUNTY

OBSERVATION WELL 177

TOWNSHIP OF SOUTH NORWICH — CONC. 9 — LOT 27

WELL REC #: 4702076
UTM CO-ORD: Z-17 E424100 N4750750
LAT & LONG: 42-65NORTH 80-42WEST

REC METHOD: A-35 RECORDER
REC COMMCD: MAY 26 1966
MEASURE PT: 0,9 METRES ABOVE GROUND SURFACE
GND ELEV: 252 METRES ABOVE SEA LEVEL
WELL TYPE: DRILLED
WELL LOG: BLACK LOAM 0,3; FINE BROWN SAND 3,1; FINE QUICKSAND 11,6; GREY CLAY 15,9; GRAVEL LAYER 16; CLAY WITH GRAVEL 18,3 GRAVEL 18,5; SAND 19,8; QUICKSAND 23,2; CLAY AND SILT 26,8; HARD CLAY WITH STONES 34,2; LIMESTONE BEDROCK 37,4.

DIAMETER OF WELL: 10 CM
LENGTH OF CASING: 33,6 METRES
LENGTH OF SCREEN: NONE
DEPTH OF WELL: 37,4 METRES

PUMP RATE: 193 L/S
SPEC. CAP: 0,40 L/S/M
AQUIFER : LIMESTONE
QUALITY : FRESH

1980
DAILY MEAN WATER LEVELS IN METRES BELOW GROUND SURFACE

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1					11,03 E	11,11 E	11,17 E	11,33 E	11,45	11,58	11,42	11,18	1
2				10,98 E	11,03 E	11,12 E	11,18 E	11,33 E	11,48	11,55	11,42	11,18	2
3				10,99 E	11,04 E	11,12 E	11,18 E	11,34 E	11,50	11,55	11,42	11,17	3
4				10,99 E	11,04 E	11,12 E	11,18 E	11,34 E	11,53	11,55	11,42	11,17	4
5				10,99 E	11,04 E	11,12 E	11,19 E	11,34 E	11,56	11,55	11,42	11,18	5
6				11,00 E	11,04 E	11,13 E	11,20 E	11,35 E	11,58	11,56	11,42	11,18	6
7				11,01 E	11,04 E	11,12 E	11,20 E	11,35 E	11,60	11,56	11,42	11,18	7
8				11,01 E	11,04 E	11,11 E	11,21 E	11,36	11,62	11,56	11,42	11,19	8
9				11,01 E	11,05 E	11,11 E	11,21 E	11,36	11,63	11,55	11,42	11,19	9
10				11,01 E	11,05 E	11,11 E	11,21 E	11,35	11,65	11,55	11,42	11,19	10
11				11,01 E	11,05 E	11,11 E	11,22 E	11,35	11,66	11,55	11,43	11,18	11
12				11,02 E	11,05 E	11,11 E	11,21 E	11,35	11,67	11,56	11,43	11,17	12
13				11,02 E	11,06 E	11,11 E	11,22 E	11,36	11,68	11,56		11,14	13
14				10,97 E	11,06 E	11,12 E	11,22 E	11,37	11,68	11,56	11,13	11,14	14
15				10,96 E	11,07 E	11,12 E	11,23 E	11,38	11,69	11,56	11,13	11,14	15
16				10,96 E	11,07 E	11,12 E	11,23 E	11,37	11,69	11,56	11,13	11,14	16
17				10,98 E	11,08 E	11,12 E	11,24 E	11,37	11,68	11,49	11,14	11,14	17
18				10,98 E	11,08 E	11,13 E	11,24 E	11,37	11,67	11,46	11,14	11,14	18
19				10,99 E	11,09 E	11,13 E	11,25 E	11,37	11,67	11,44	11,14	11,15	19
20				10,99 E	11,09 E	11,13 E	11,25 E	11,37	11,67	11,44	11,15	11,15	20
21				11,00 E	11,09 E	11,13 E	11,25 E	11,37	11,66	11,44	11,15	11,16	21
22				11,00 E	11,09 E	11,14 E	11,26 E	11,37	11,65	11,43	11,15	11,16	22
23				11,00 E	11,09 E	11,14 E	11,27 E	11,37	11,63	11,43	11,16	11,16	23
24				11,00 E	11,10 E	11,15 E	11,28 E	11,37	11,63	11,44	11,16	11,16	24
25				11,01 E	11,10 E	11,15 E	11,29 E	11,37	11,63	11,44	11,16	11,16	25
26				11,02 E	11,10 E	11,16 E	11,30 E	11,37	11,63	11,42	11,17	11,16	26
27				11,01 E	11,10 E	11,16 E	11,30 E	11,37	11,63	11,42	11,18	11,17	27
28				11,02 E	11,11 E	11,17 E	11,31 E	11,38	11,63	11,42	11,18	11,17	28
29				11,02 E	11,11 E	11,17 E	11,32 E	11,38	11,63	11,42	11,18	11,17	29
30				11,03 E	11,11 E	11,17 E	11,32 E	11,40	11,62	11,42	11,18	11,18	30
31					11,12 E		11,32 E	11,43		11,42		11,17	31
					-MONTHLY SUMMARY-								
MEAN					11,07	11,13	11,24	11,36	11,62	11,50		11,17	MEAN
INST MAX					11,03 (1)	11,10 (10)	11,17 (1)	11,33 (1)	11,44 (1)	11,42 (27)		11,14 (14)	INST MAX
INST MIN					11,12 (31)	11,17 (29)	11,33 (31)	11,44 (31)	11,69 (15)	11,60 (1)		11,19 (8)	INST MIN

ENVIRONMENT ONTARIO
TORONTO
PERTH COUNTY

OBSERVATION WELL 045

TOWNSHIP OF BLANSHARD — NB — LOT 11

WELL REC #: 5001877
UTM CO-ORD: Z-17 E474275 N4795450
LAT & LONG: 43-19NORTH 81-18WEST

REC METHOD: A35 RECORDER
REC COMMCD: MAY 26 1970
MEASURE PT: 0,3 METRES ABOVE GROUND SURFACE
GND ELEV: 358 METRES ABOVE SEA LEVEL
WELL TYPE: DRILLED
WELL LOG: BROWN SAND AND CLAY FILL 0,6; SAND, GRAVEL 1,8; COARSE GRAVEL AND SMALL STONES 10,7; COARSE SAND, YELLOWISH CLAY 11.

DIAMETER OF WELL: 10 CM
LENGTH OF CASING: 9,8 METRES
LENGTH OF SCREEN: 1,2 METRES
DEPTH OF WELL: 11 METRES

PUMP RATE: 1,1 L/S
SPEC. CAP: N.A.
AQUIFER : GRAVEL
QUALITY : FRESH

1980
DAILY MEAN WATER LEVELS IN METRES BELOW GROUND SURFACE

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1,17	1,46	1,74						2,61	2,76			1
2	1,19	1,47	1,75						2,61	2,75			2
3	1,20	1,48	1,77						2,62	2,68			3
4	1,22	1,49	1,79						2,63	2,67			4
5	1,25	1,50	1,81						2,65	2,68			5
6	1,29	1,51	1,83						2,66	2,69			6
7	1,32	1,52	1,84						2,68	2,70			7
8	1,36	1,53	1,86						2,70				8
9	1,39	1,54	1,87						2,72				9
10	1,40	1,55	1,88						2,74				10
11	1,30	1,56	1,89						2,74				11
12	1,18	1,57	1,89						2,75				12
13	1,20	1,58	1,92						2,76				13
14	1,24	1,59	1,94						2,76				14
15	1,29	1,60	1,96						2,76				15
16	1,30	1,61	1,98						2,76				16
17	1,32	1,62	1,88						2,76				17
18	1,33	1,63	1,62						2,76				18
19	1,33	1,64	1,54						2,76				19
20	1,35	1,65	1,34						2,76				20
21	1,36	1,66	0,93						2,76				21
22	1,37	1,66	1,03						2,76				22
23	1,38	1,67	1,11						2,75				23
24	1,40	1,68	1,12						2,72				24
25	1,41	1,68	1,09						2,72				25
26	1,42	1,69	1,09						2,72				26
27	1,42	1,70	1,07						2,71				27
28	1,43	1,71	1,04					2,55	2,71				28
29	1,43	1,72	1,03					2,56	2,73				29
30	1,44		1,03					2,57	2,75				30
31	1,45		1,03					2,60					31
						-MONTHLY SUMMARY-							
MEAN	1,33	1,60	1,54						2,72				MEAN
INST MAX	1,16 (12)	1,45 (1)	0,85 (21)						2,61 (1)				INST MAX
INST MIN	1,45 (31)	1,73 (29)	1,99 (17)						2,76 (19)				INST MIN

ENVIRONMENT ONTARIO
TORONTO
PERTH COUNTY

OBSERVATION WELL 182

TOWN OF STRATFORD   CONC. -   LOT -

WELL REC #: 5001349
UTM CO-ORD: Z-17 E503000 N4802260
LAT & LONG: 43-23NORTH 80-58WEST

REC METHOD: A35 RECORDER
REC COMMCD: SEP 15 1966
MEASURE PT: 0,5 METRES ABOVE GROUND SURFACE
GND ELEV: 361 METRES ABOVE SEA LEVEL
WELL TYPE: DRILLED
WELL LOG: TOPSOIL 0,9; SAND AND GRAVEL 1,8; YELLOW CLAY 4,6; YELLOW CLAY AND BOULDERS 7,6; GREY HARDPAN 31,4; CEMENTED GRAVEL 35,1; COARSE GRAVEL 36,6; CEMENTED GRAVEL 38,7; BROWN LIMESTONE 105,2; BROWN LIMESTONE 126,6; SOFT WHITE LIMESTONE 132,6; GREY SHALE 134,2.

DIAMETER OF WELL: 36 CM
LENGTH OF CASING: 38,4 METRES
LENGTH OF SCREEN: NONE
DEPTH OF WELL: 134,2 METRES

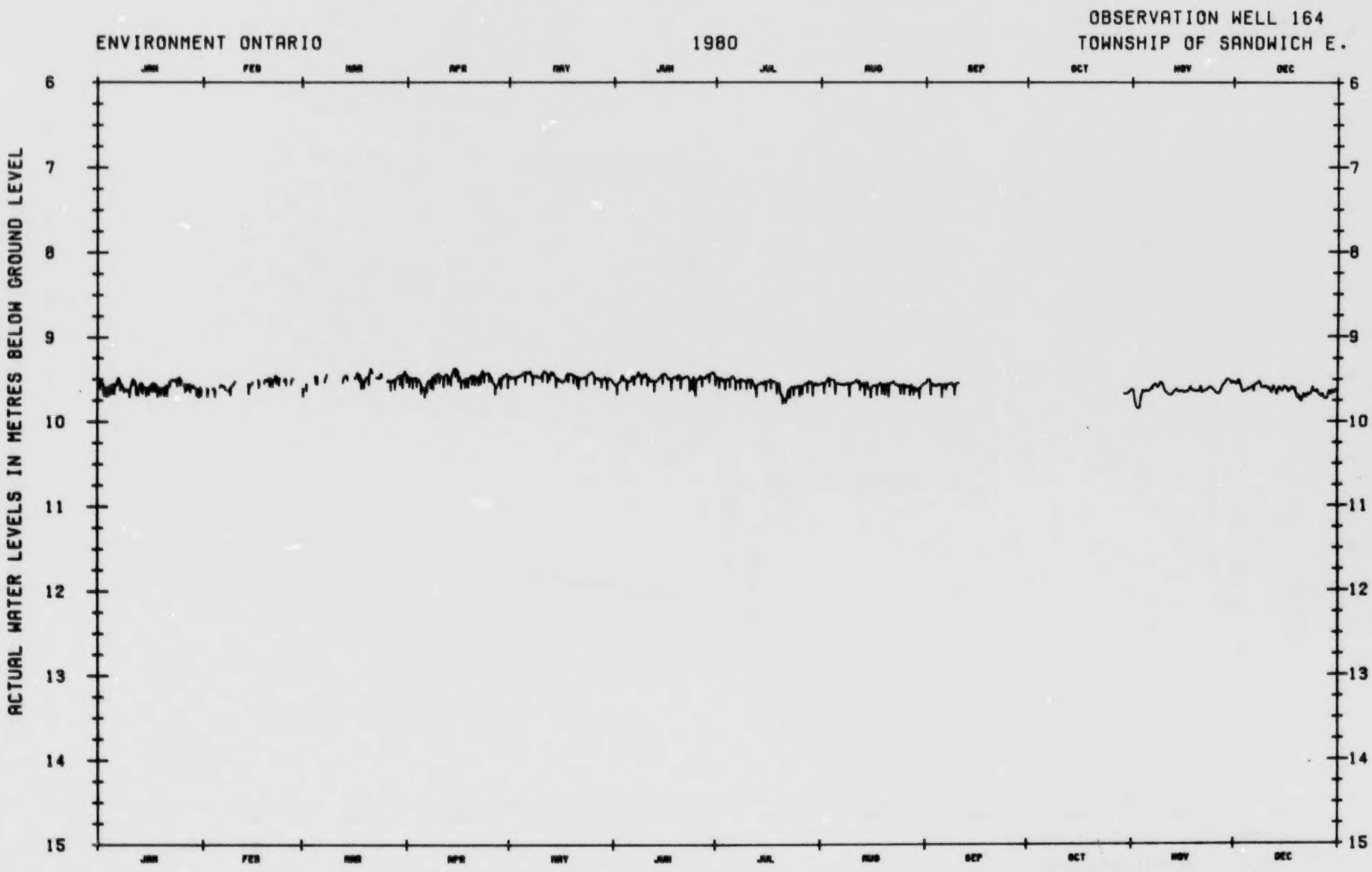
PUMP RATE: 40 L/S
SPEC. CAP: 0,25 L/S/M
AQUIFER: LIMESTONE
QUALITY: FRESH

1980
DAILY MEAN WATER LEVELS IN METRES BELOW GROUND SURFACE

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	15,94	18,92	19,26	18,56 E	18,56 E	18,84 E	19,53 E	18,41 E	20,29 E	19,79 E	19,60 E	19,29 E	1
2	17,06	18,78	19,05	18,65 E	18,18 E	19,07 E	19,93 E	18,66 E	20,30 E	19,85 E	19,51 E	19,40 E	2
3	17,65	18,72	19,13	18,60 E	18,30 E	19,02 E	20,31 E	17,30 E	20,42 E	19,98 E	19,24 E	19,49 E	3
4	17,91	18,77	19,02	18,38 E	16,91 E	19,82 E	20,31 E	16,96 E	20,61 E	19,92 E	19,70 E	19,80 E	4
5	18,21	18,98	19,08	18,24 E	17,85 E	20,14 E	19,95 E	17,67 E	20,89 E	20,55 E	19,71 E	19,97 E	5
6	18,28	18,81	19,22	18,35 E	18,29 E	19,24 E	19,94 E	18,06 E	20,69 E	21,04 E	19,65 E	19,35 E	6
7	18,31	18,92	19,20	18,32 E	18,86 E	19,18 E	20,24 E	18,22 E	20,49 E	20,12 E	19,81 E	19,42 E	7
8	18,60	18,99	19,14	18,43 E	18,48 E	17,51 E	20,22 E		20,98 E	20,10 E	19,34 E	19,14 E	8
9	19,03	18,84	17,82	18,59 E	19,00 E	18,44 E	20,62 E	18,77 E	20,52 E	20,13 E	19,68 E	19,40 E	9
10	19,15	18,36	18,03	18,73 E	19,03 E	18,60 E	20,74 E	17,83 E	20,48 E	20,32 E	19,32 E	19,59 E	10
11	19,12	18,36	18,66	18,89 E	18,67 E	19,23 E	20,54 E	18,29 E	20,56 E	20,12 E	19,52 E	19,50 E	11
12	19,11	18,67	18,94	18,80 E	18,88 E	18,99 E	20,03 E	18,79 E	20,71 E	19,91 E	19,61 E	19,69 E	12
13	18,93	18,89	18,84	17,48 E	18,77 E	19,29 E	20,12 E	19,20 E	20,49 E	19,84 E	19,66 E	19,40 E	13
14	18,92	18,99	18,90	17,67 E	18,84 E	19,11 E	21,11 E	19,46 E	20,95 E	19,47 E	19,91 E	19,32 E	14
15	19,23	18,98	18,82	18,17 E	19,09 E	18,96 E	20,78 E	19,60 E	21,43 E	19,65 E	19,54 E	19,22 E	15
16	19,27	18,83	18,77	18,41 E	19,03 E	19,82 E	20,39 E	19,77 E	20,23 E	19,87 E	19,46 E	19,51 E	16
17	19,37	18,69	18,48	18,60 E	18,75 E	19,66 E	19,99 E	19,50 E	20,17 E	20,01 E	19,29 E	19,55 E	17
18	19,53	18,78	18,61	18,58 E	17,10 E	19,63 E	20,14 E	19,54 E	20,27 E	20,11 E	19,58 E	19,58 E	18
19	19,43	19,05	18,62	18,33 E	17,63 E	19,83 E	20,18 E	20,39 E	20,37 E	20,40 E	19,82 E	19,79 E	19
20	19,20	19,15	18,73	18,52 E	18,02 E	19,99 E	20,16 E	20,84 E	20,03 E	19,76 E	19,91 E	19,48 E	20
21	19,20	19,31	18,88	18,21 E	18,40 E	19,40 E	20,09 E	20,82 E	20,15 E	20,00 E	20,06 E	19,78 E	21
22	19,30	19,29	18,73	18,98 E	18,55 E	19,80 E	20,12 E	20,79 E	19,90 E	20,17 E	19,79 E	19,25 E	22
23	19,40	19,10	18,10	19,53 E	19,01 E	20,06 E	20,11 E	20,32 E	19,86 E	20,22 E	19,76 E	19,15 E	23
24	19,13	18,84	18,53	18,92 E	18,69 E	20,97 E	20,15 E	19,28 E	20,21 E	20,25 E	19,45 E	19,05 E	24
25	19,18	18,88	18,75	18,57 E	18,82 E	21,15 E	19,78 E	20,36 E	20,16 E	19,85 E	19,74 E	18,74 E	25
26	19,12	18,81	19,02	18,60 E	19,30 E	21,11 E	19,88 E	21,23 E	20,17 E	19,92 E	19,94 E	18,48 E	26
27	18,96	19,10	19,05	18,46 E	19,24 E	21,10 E	18,86 E	21,48 E	19,56 E	19,53 E	19,96 E	18,62 E	27
28	18,91	19,10	18,69	18,29 E	19,36 E	19,98 E	18,53 E	21,26 E	19,78 E	19,61 E	19,71 E	18,29 E	28
29	19,08	19,06	18,34	18,32 E	19,63 E	19,85 E	18,17 E	21,92 E	19,67 E	19,74 E	19,95 E	18,35 E	29
30	18,91		18,71	18,62 E	19,53 E	19,32 E	18,51 E	21,83 E	19,68 E	19,87 E	19,46 E	18,23 E	30
31	18,96		18,56		18,83 E		18,52 E	20,57 E		19,89 E		17,58 E	31

-MONTHLY SUMMARY-

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
MEAN	18,79	18,90	18,77	18,49	18,63	19,56	19,91		20,33	20,08	19,64	19,21	MEAN
INST MAX	15,76 (2)	17,28 (10)	16,67 (10)	16,57 (14)	16,44 (19)	16,59 (3)	17,13 (30)		18,27 (28)	18,83 (26)	17,75 (9)	16,48 (31)	INST MAX
INST MIN	20,14 (23)	19,90 (21)	19,95 (4)	20,39 (23)	20,46 (15)	21,92 (26)	21,88 (14)		21,86 (5)	21,47 (6)	20,79 (24)	20,59 (1)	INST MIN



ENVIRONMENT ONTARIO
1980
OBSERVATION WELL 164
TOWNSHIP OF SANDWICH E.
ACTUAL WATER LEVELS IN METRES BELOW GROUND LEVEL
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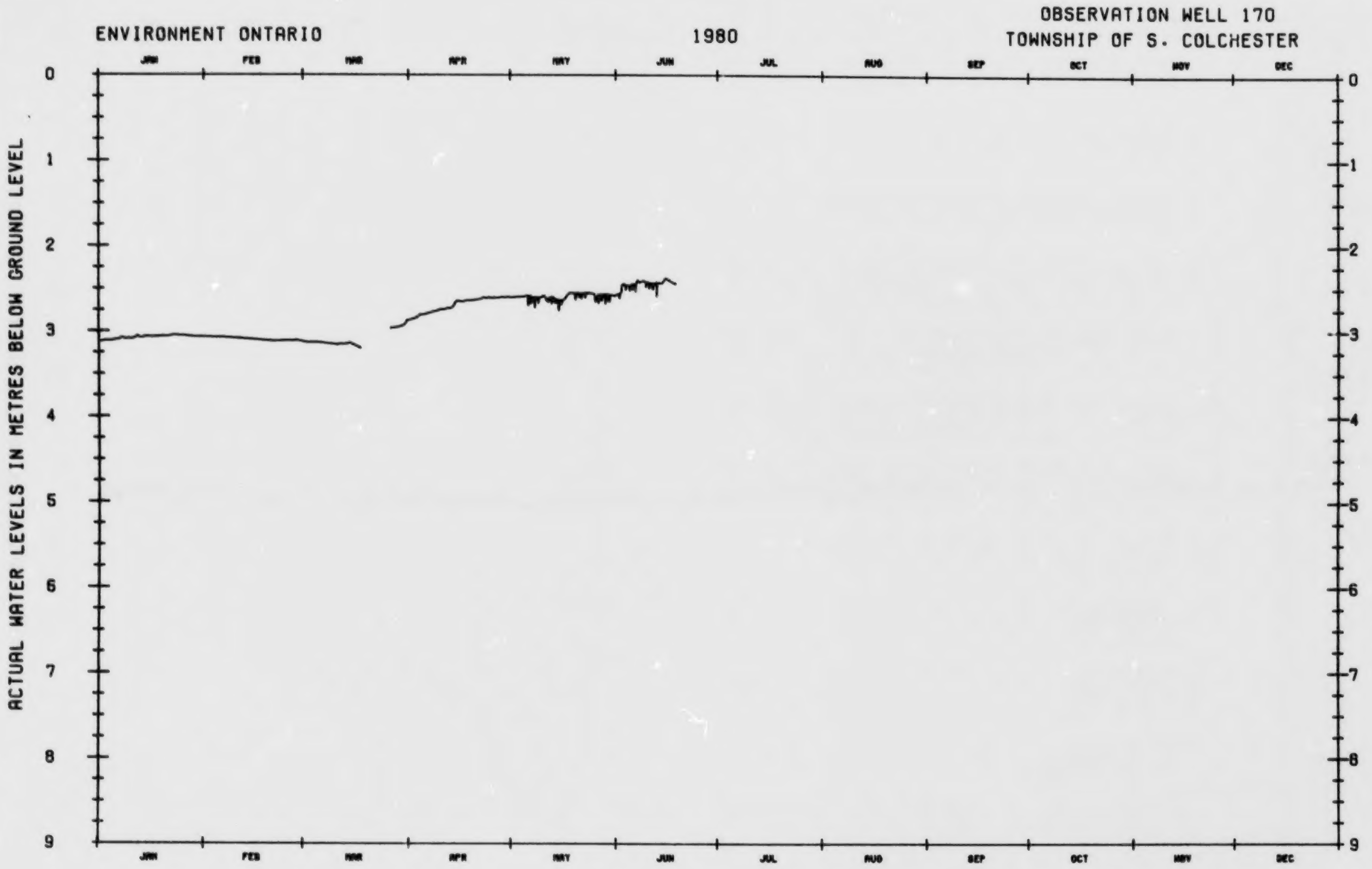
ENVIRONMENT ONTARIO
1980
OBSERVATION WELL 170
TOWNSHIP OF S. COLCHESTER
ACTUAL WATER LEVELS IN METRES BELOW GROUND LEVEL
0
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JAN
FEB
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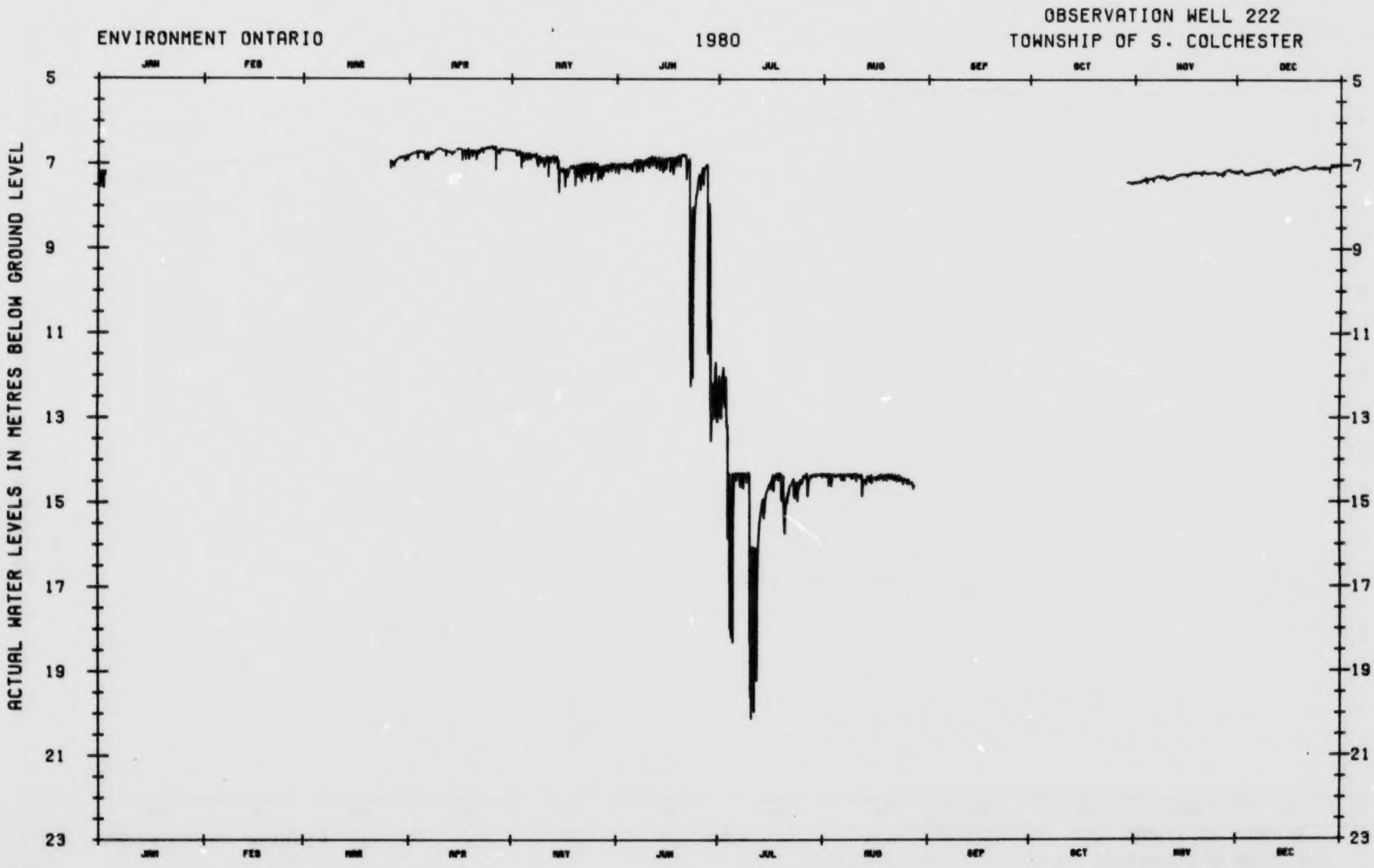
MAY
JUN
JUL
AUG
SEP
OCT
NOV
DEC


ENVIRONMENT ONTARIO
1980
OBSERVATION WELL 222
TOWNSHIP OF S. COLCHESTER
ACTUAL WATER LEVELS IN METRES BELOW GROUND LEVEL
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JAN
FEB
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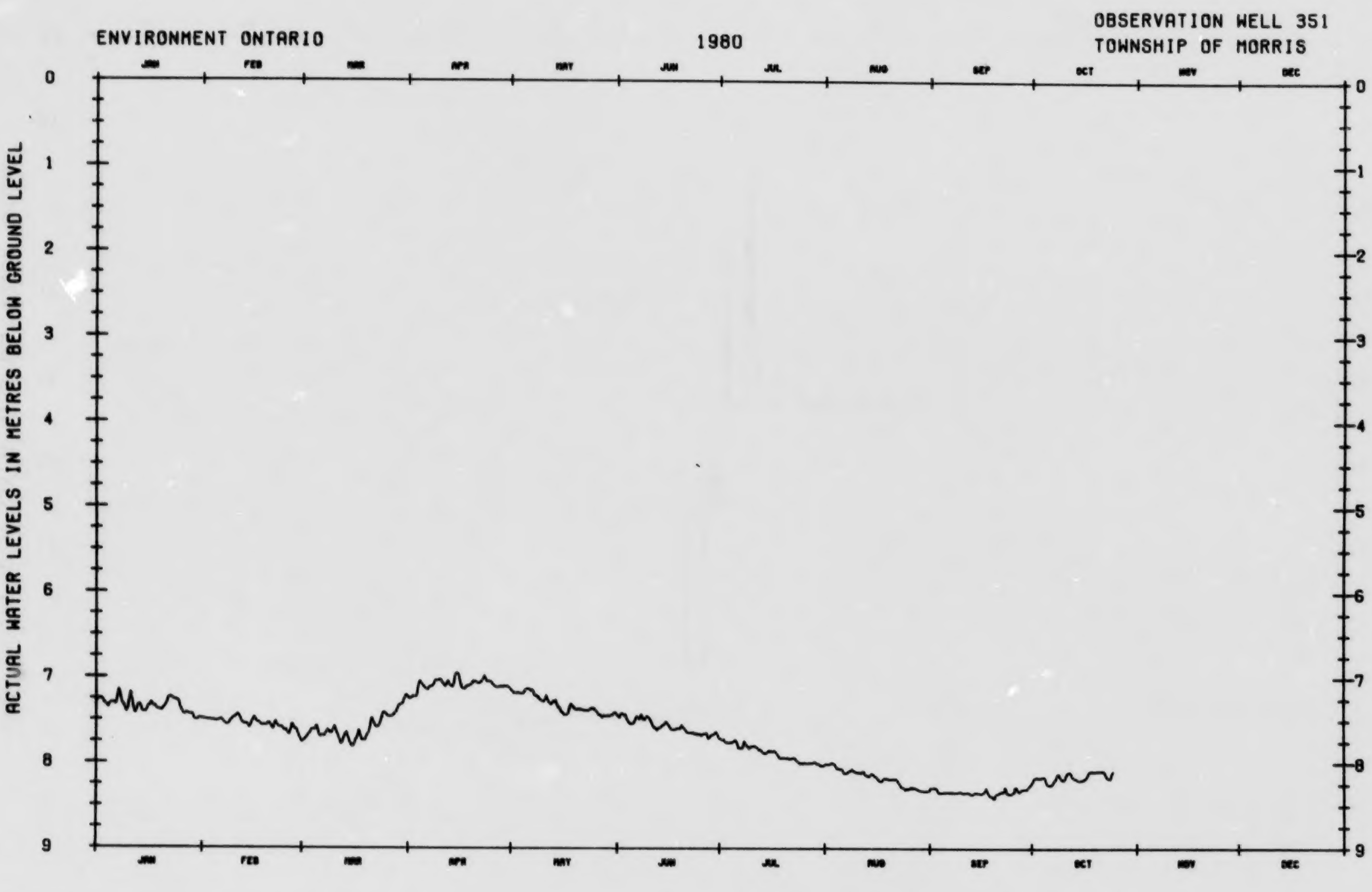
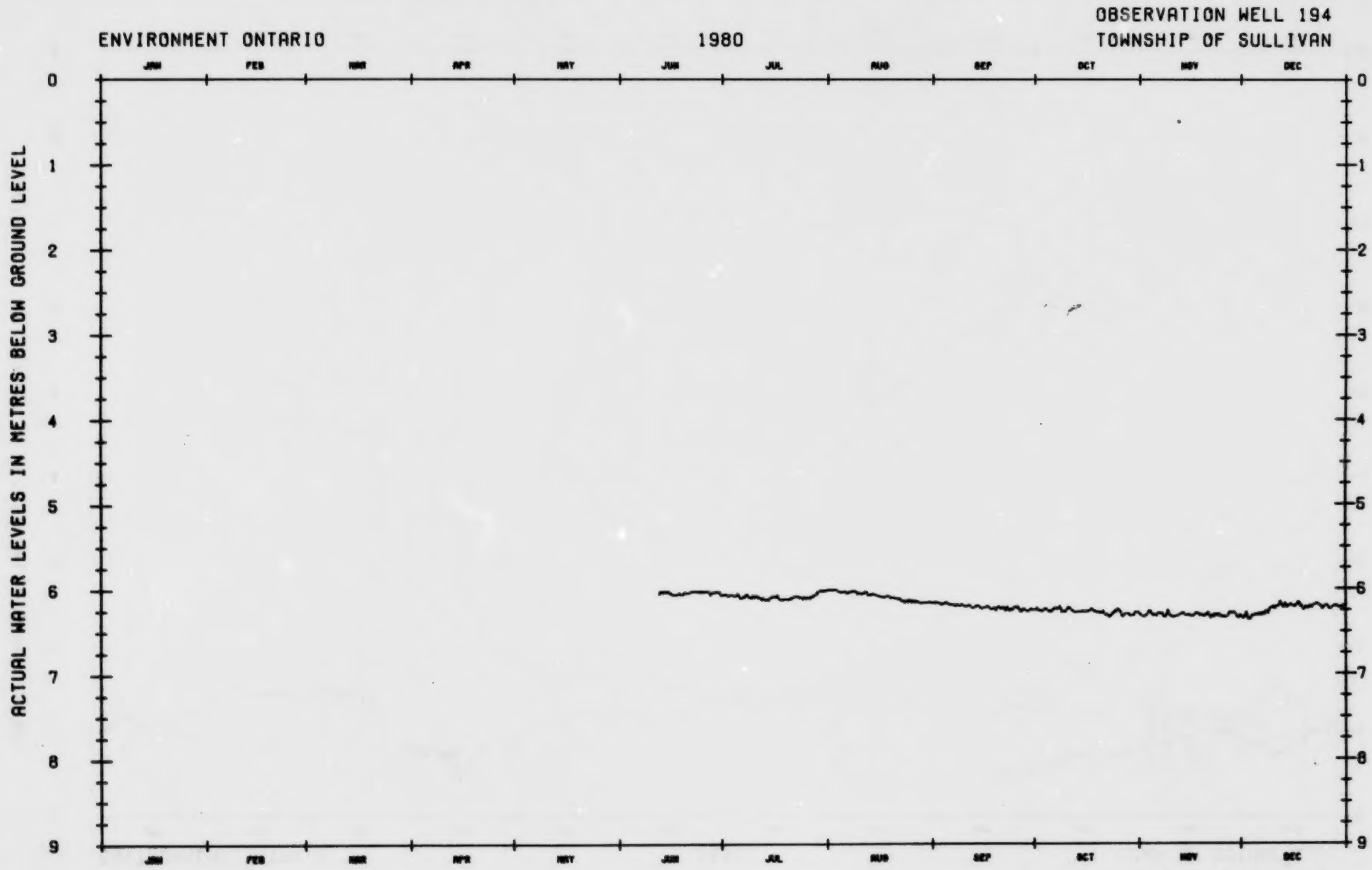
APR
MAY
JUN
JUL
AUG
SEP
OCT
NOV
DEC


ENVIRONMENT ONTARIO
1980
OBSERVATION WELL 351
TOWNSHIP OF MORRIS
JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC
0 1 2 3 4 5 6 7 8 9
ACTUAL WATER LEVELS IN METRES BELOW GROUND LEVEL


ENVIRONMENT ONTARIO
1980
OBSERVATION WELL 194
TOWNSHIP OF SULLIVAN
JAN
FEB
MAR
APR
MAY
JUN
JUL
AUG
SEP
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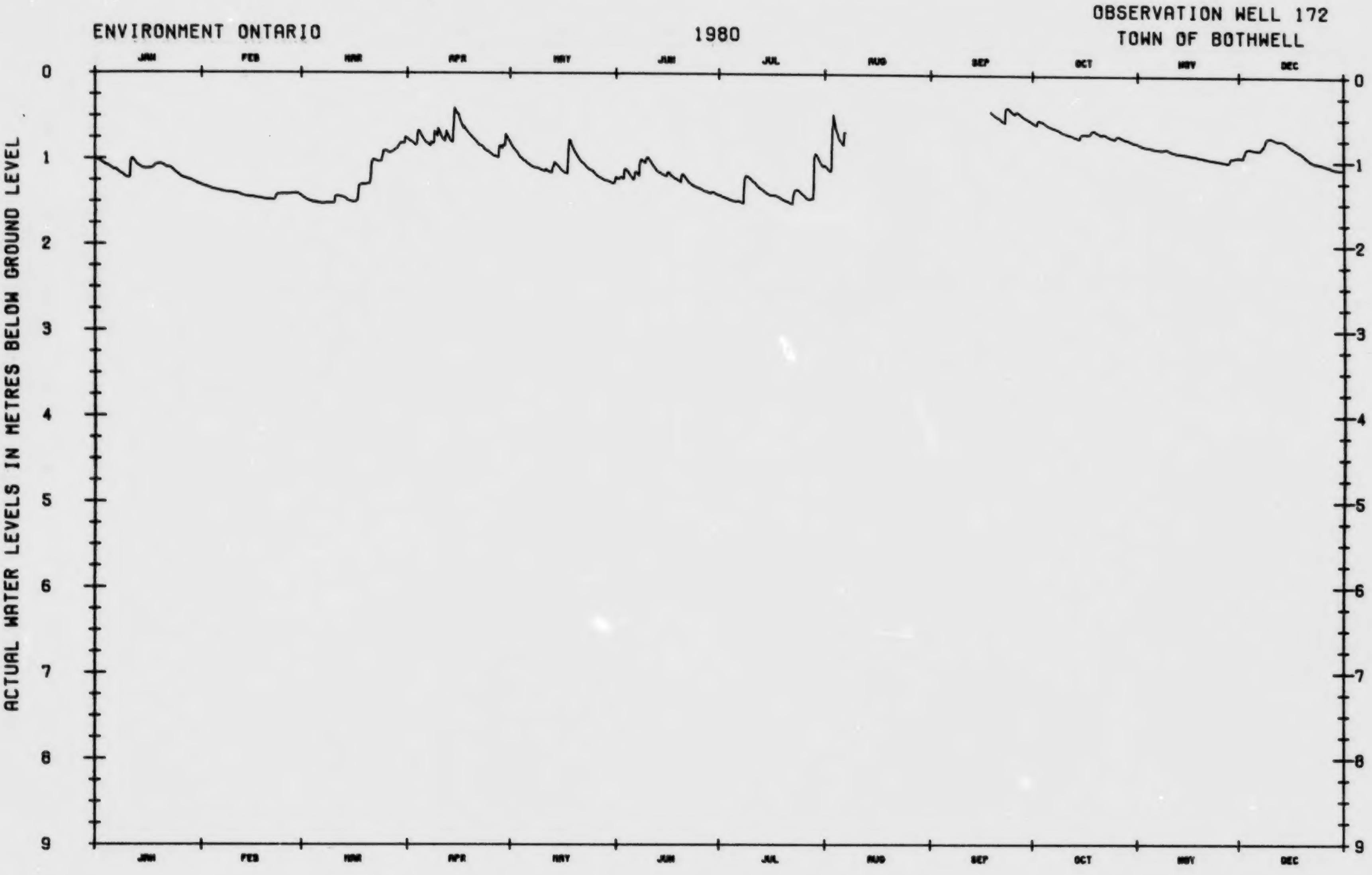
ACTUAL WATER LEVELS IN METRES BELOW GROUND LEVEL


ENVIRONMENT ONTARIO
1980
OBSERVATION WELL 172
TOWN OF BOTHWELL
ACTUAL WATER LEVELS IN METRES BELOW GROUND LEVEL
JAN
FEB
MAR
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MAY
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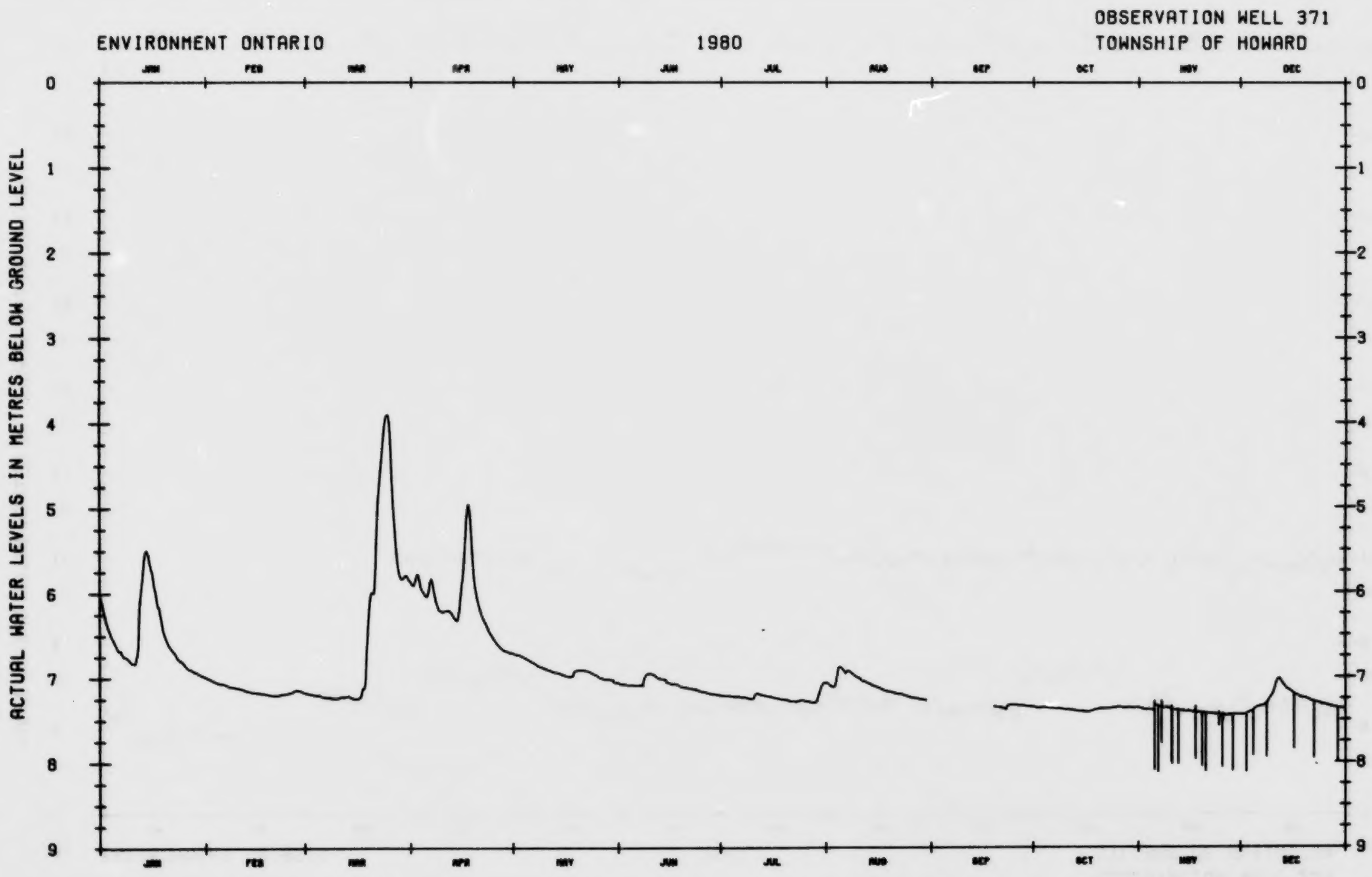
ENVIRONMENT ONTARIO
1980
OBSERVATION WELL 371
TOWNSHIP OF HOWARD
ACTUAL WATER LEVELS IN METRES BELOW GROUND LEVEL
0
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JAN
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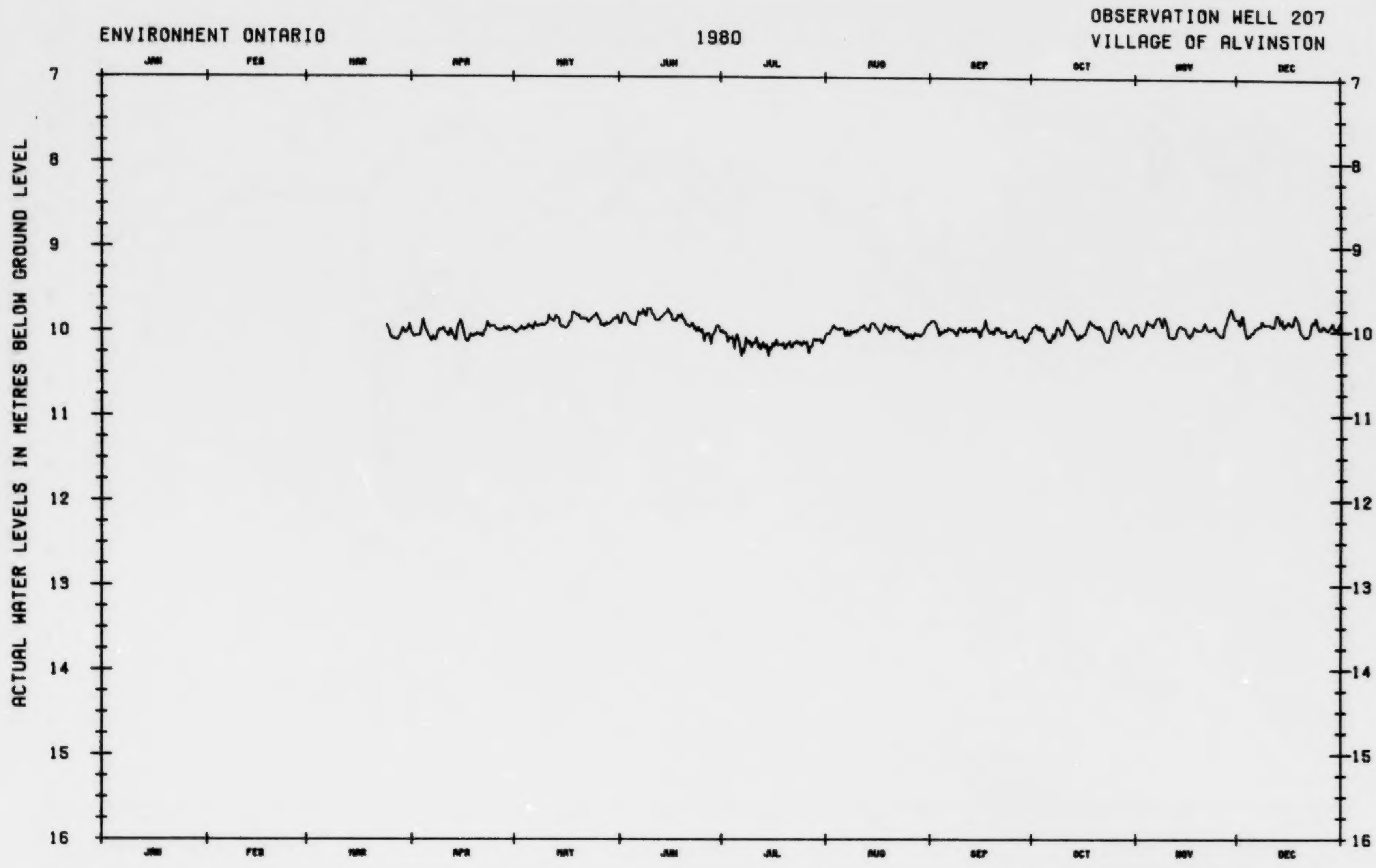
MAR
APR
MAY
JUN
JUL
AUG
SEP
OCT
NOV
DEC


ENVIRONMENT ONTARIO
1980
OBSERVATION WELL 207
VILLAGE OF ALVINSTON
ACTUAL WATER LEVELS IN METRES BELOW GROUND LEVEL
7
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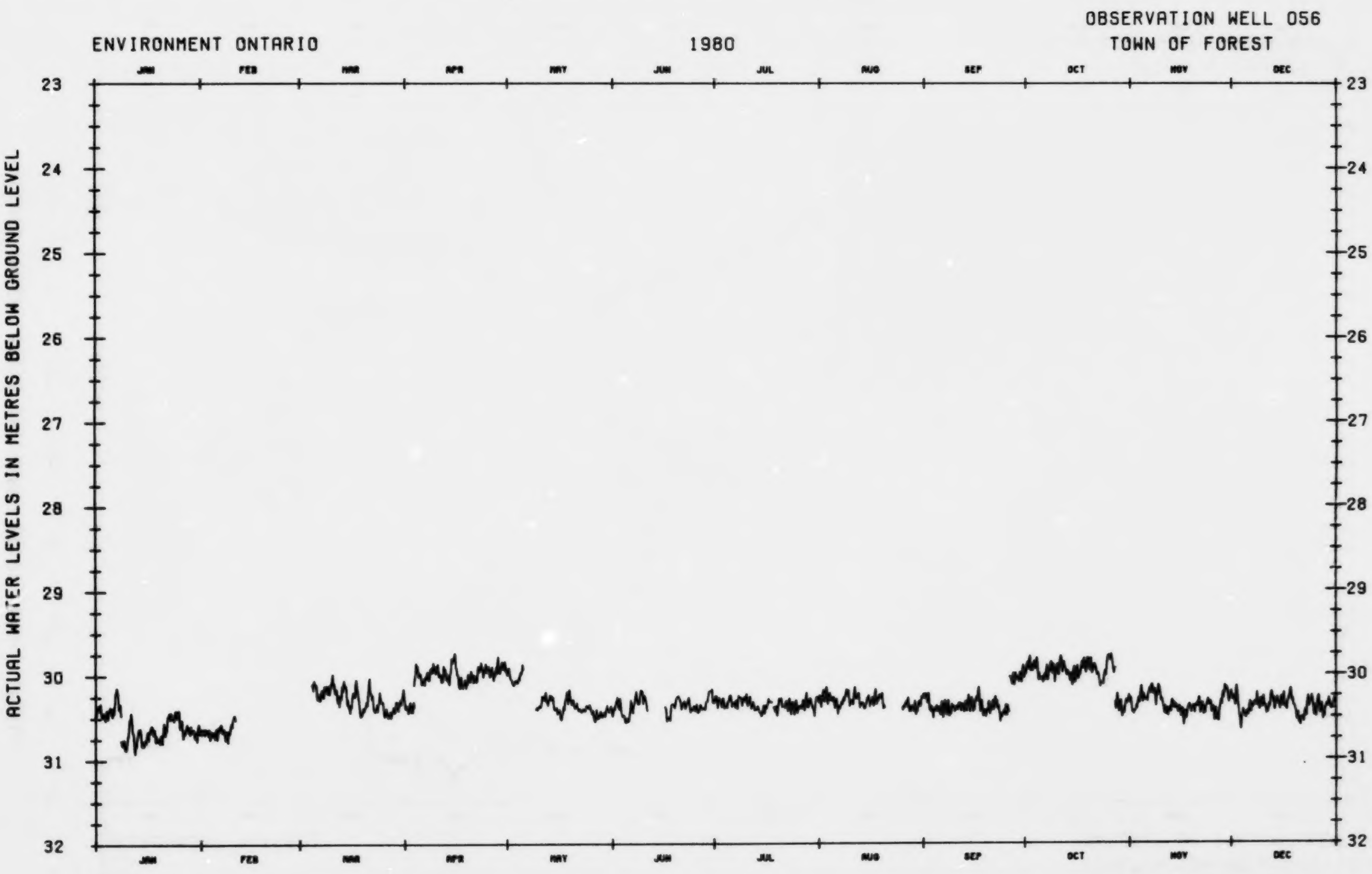
JAN
FEB
MAR
APR
MAY
JUN
JUL
AUG
SEP
OCT
NOV
DEC


ENVIRONMENT ONTARIO
1980
OBSERVATION WELL 056
TOWN OF FOREST
ACTUAL WATER LEVELS IN METRES BELOW GROUND LEVEL
23
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JAN
FEB
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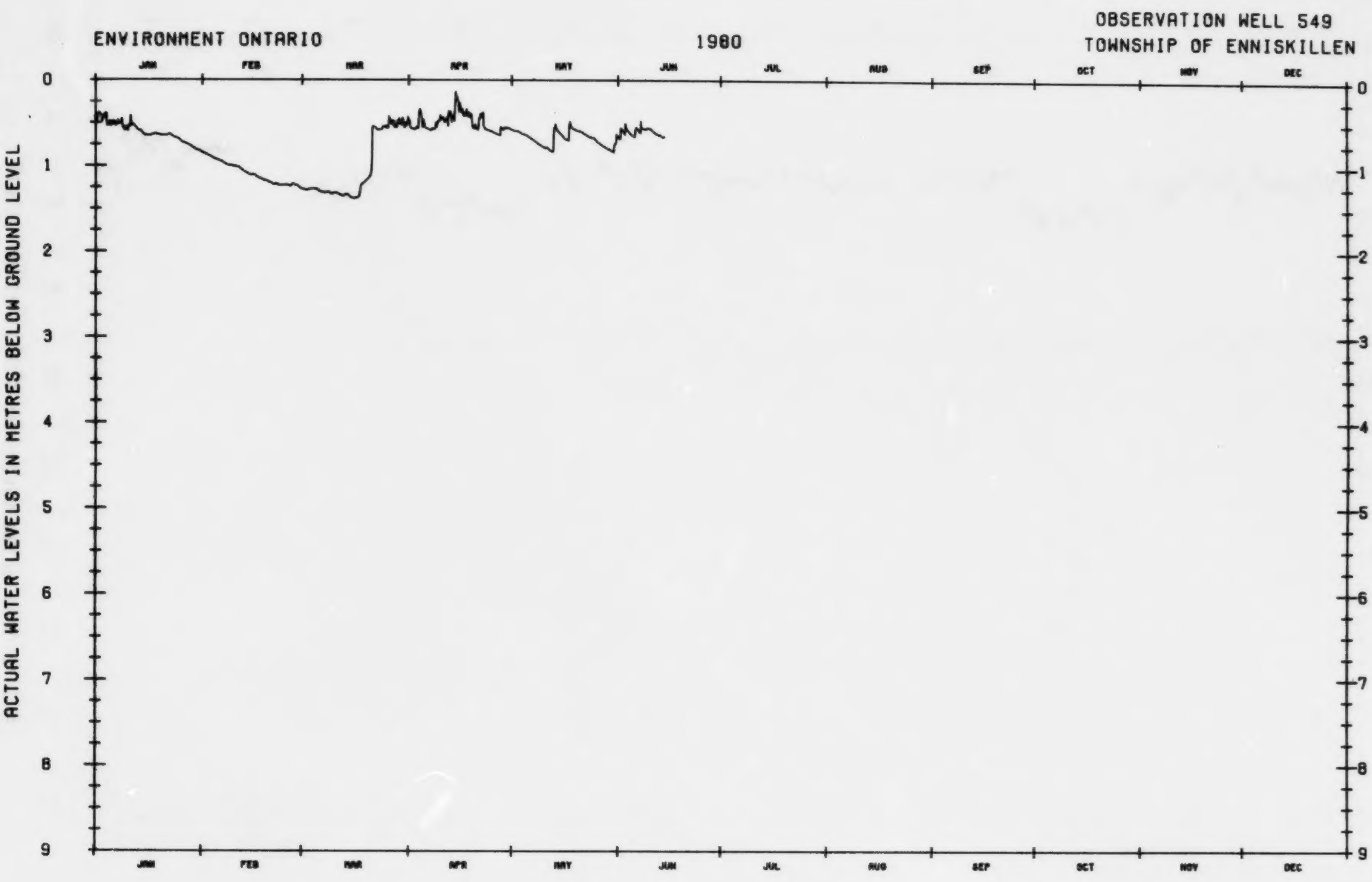
OCT
NOV
DEC


ENVIRONMENT ONTARIO
1980
OBSERVATION WELL 549
TOWNSHIP OF ENNISKILLEN
JAN
FEB
MAR
APR
MAY
JUN
JUL
AUG
SEP
OCT
NOV
DEC
ACTUAL WATER LEVELS IN METRES BELOW GROUND LEVEL
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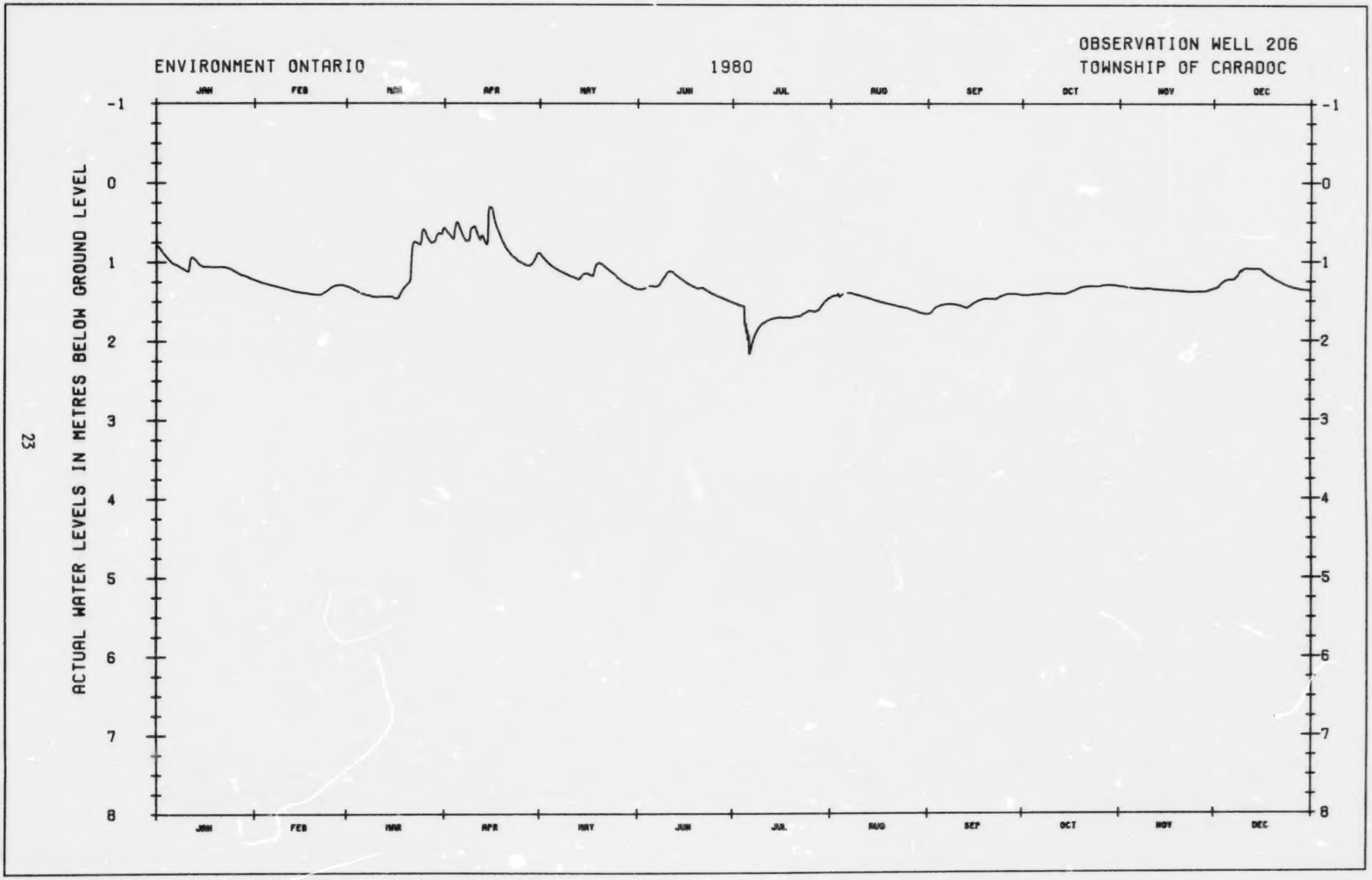
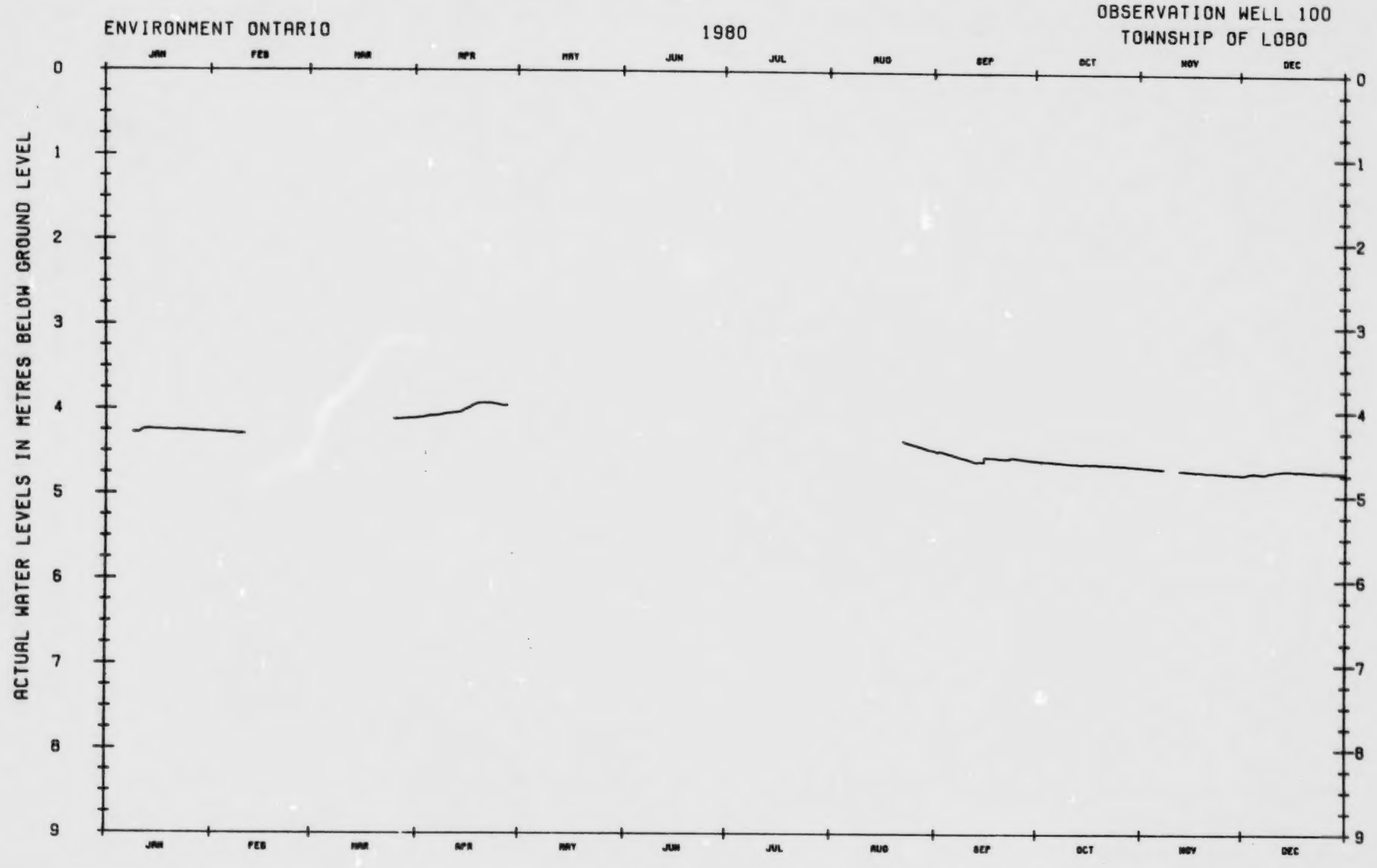
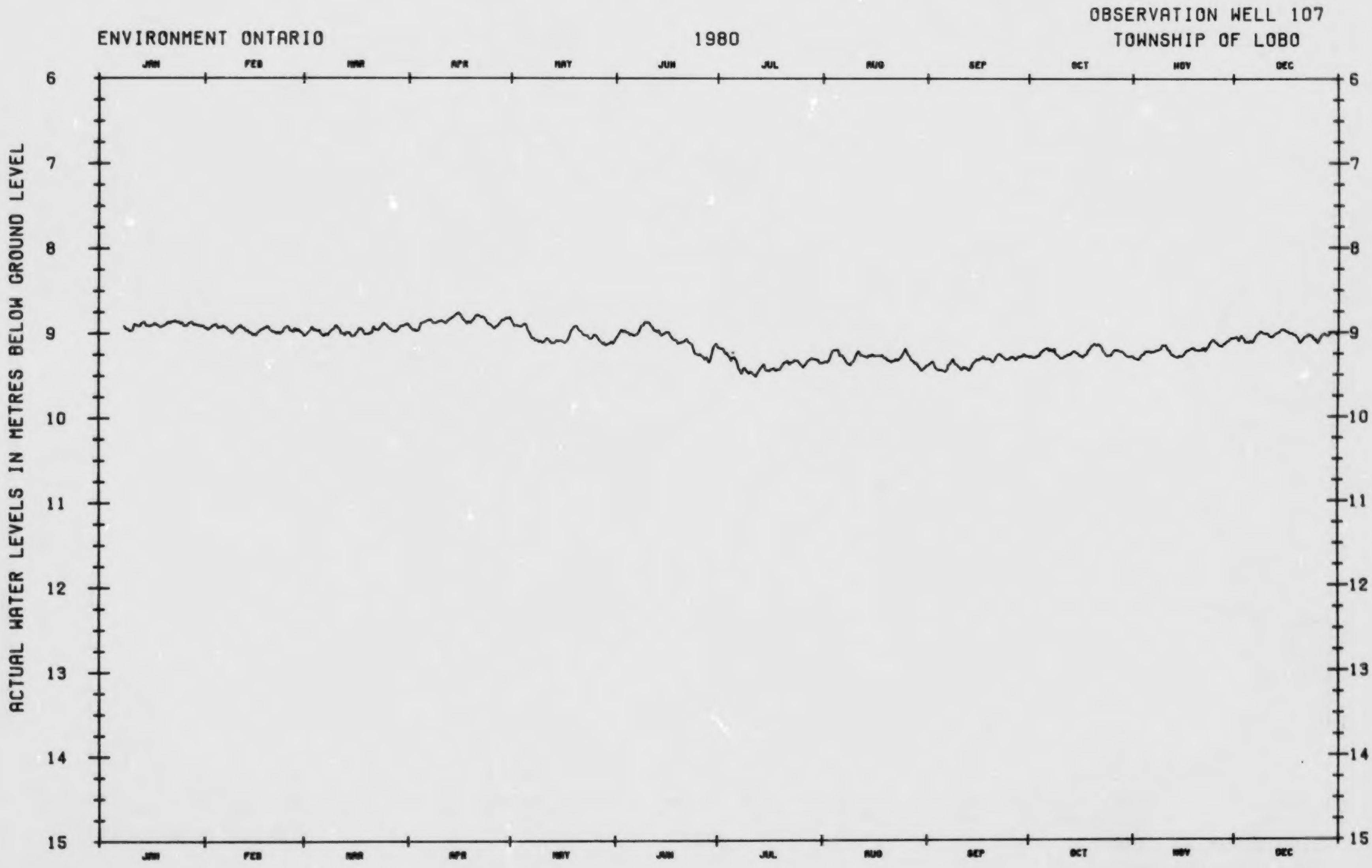

ENVIRONMENT ONTARIO
1980
OBSERVATION WELL 206
TOWNSHIP OF CARADOC
ACTUAL WATER LEVELS IN METRES BELOW GROUND LEVEL
JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC
-1 0 1 2 3 4 5 6 7 8


ENVIRONMENT ONTARIO
1980
OBSERVATION WELL 100
TOWNSHIP OF LOBO
JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC
0 1 2 3 4 5 6 7 8 9
ACTUAL WATER LEVELS IN METRES BELOW GROUND LEVEL



ENVIRONMENT ONTARIO
1980
OBSERVATION WELL 107
TOWNSHIP OF LOBO
ACTUAL WATER LEVELS IN METRES BELOW GROUND LEVEL
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JAN
FEB
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APR
MAY
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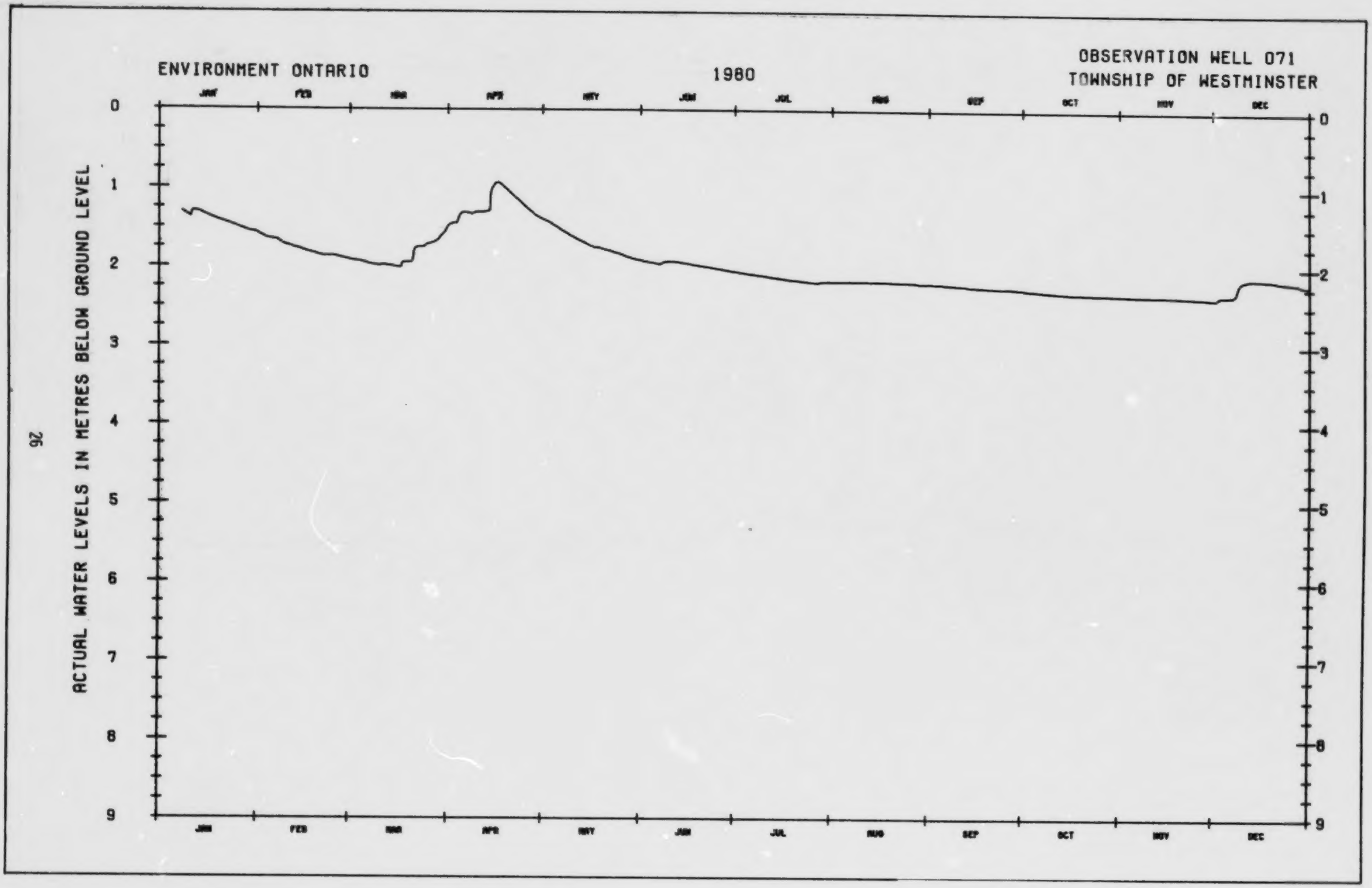
SEP
OCT
NOV
DEC


ENVIRONMENT ONTARIO
1980
OBSERVATION WELL 071
TOWNSHIP OF WESTMINSTER
ACTUAL WATER LEVELS IN METRES BELOW GROUND LEVEL
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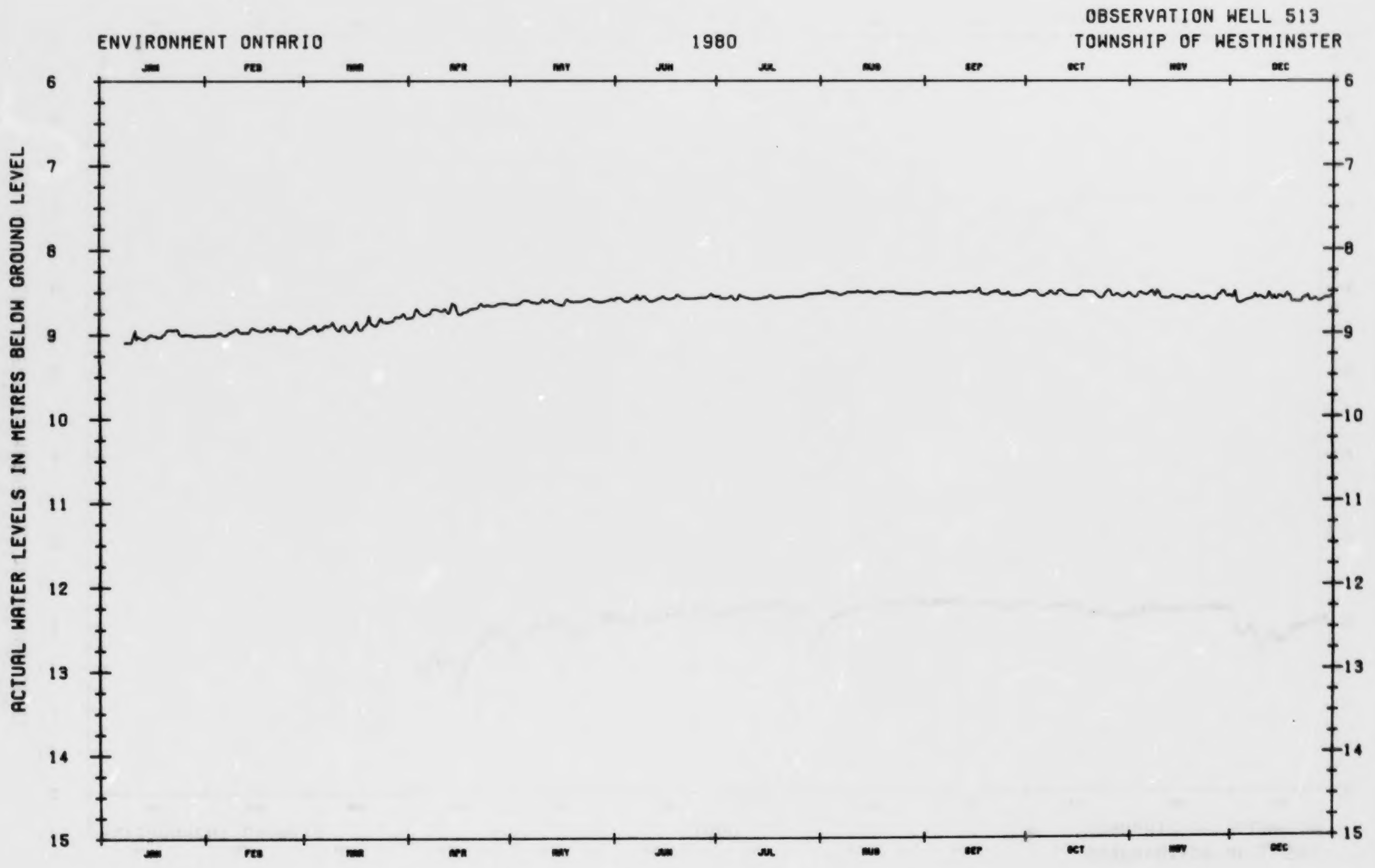
OBSERVATION WELL 513
TOWNSHIP OF WESTMINSTER
ENVIRONMENT ONTARIO
1980
JAN
FEB
MAR
APR
MAY
JUN
JUL
AUG
SEP
OCT
NOV
DEC
ACTUAL WATER LEVELS IN METRES BELOW GROUND LEVEL
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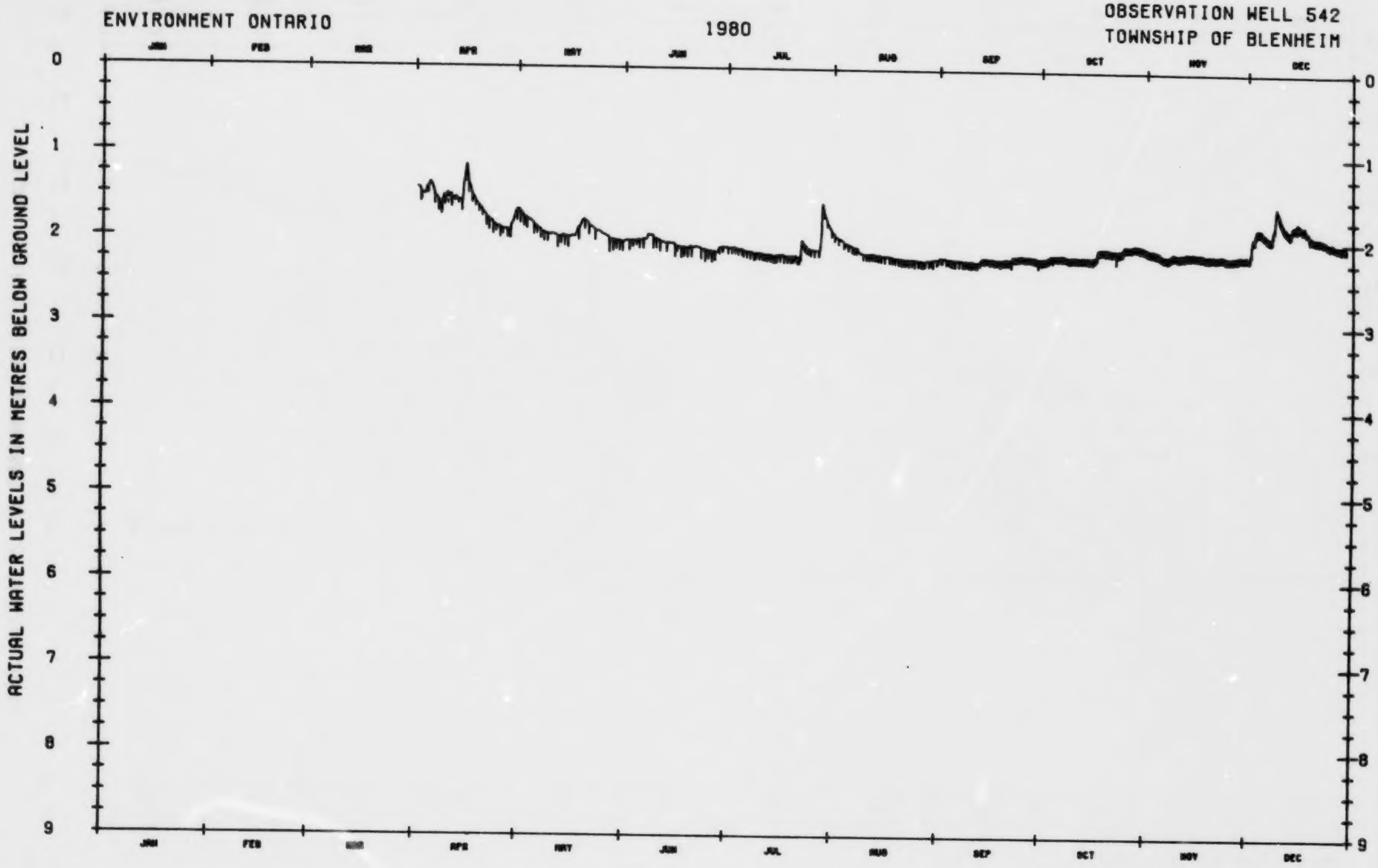
ENVIRONMENT ONTARIO
1980
OBSERVATION WELL 542
TOWNSHIP OF BLENHEIM
ACTUAL WATER LEVELS IN METRES BELOW GROUND LEVEL
0
1
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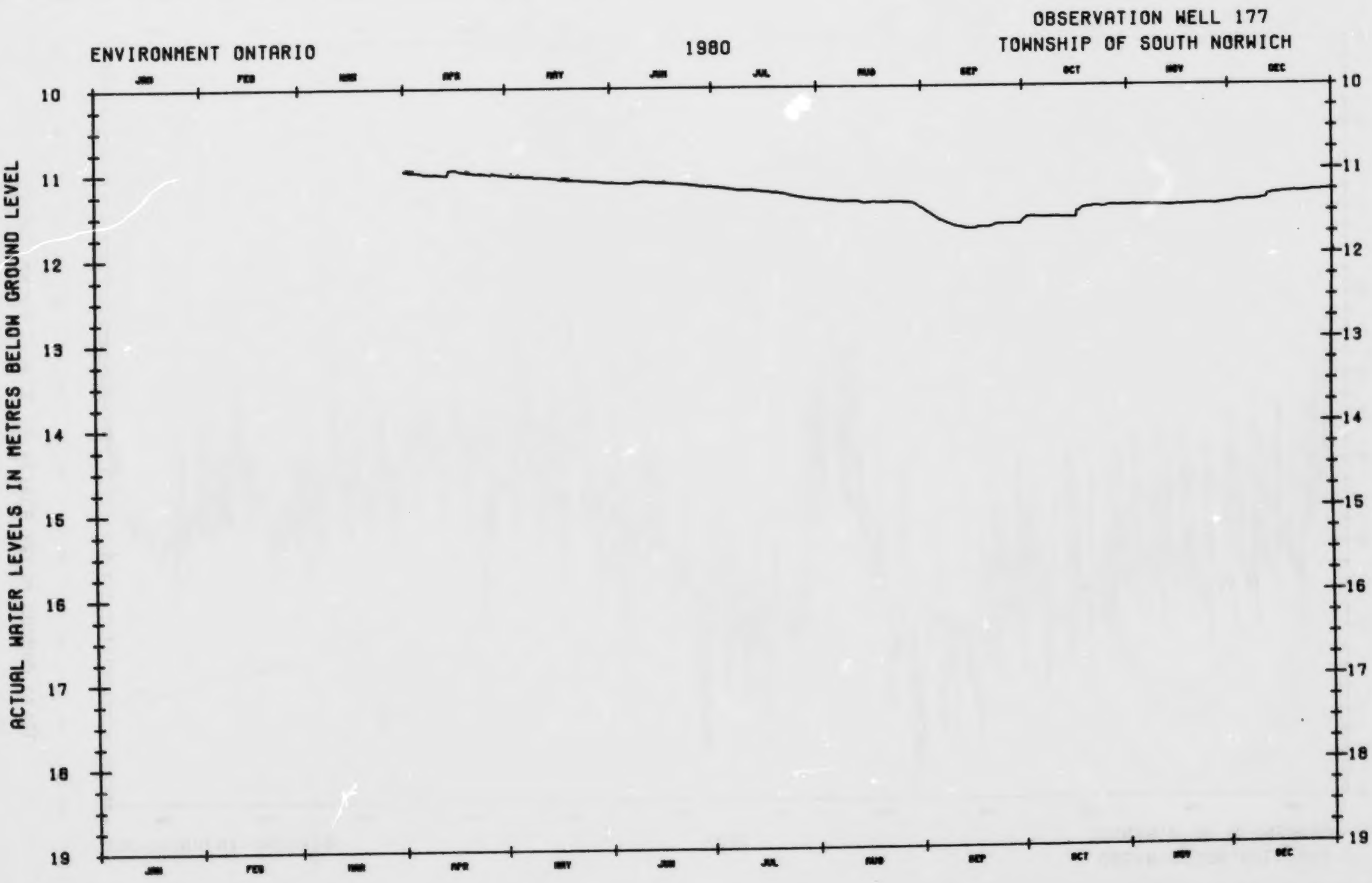

OBSERVATION WELL 177
TOWNSHIP OF SOUTH NORWICH
ENVIRONMENT ONTARIO
1980
ACTUAL WATER LEVELS IN METRES BELOW GROUND LEVEL
10
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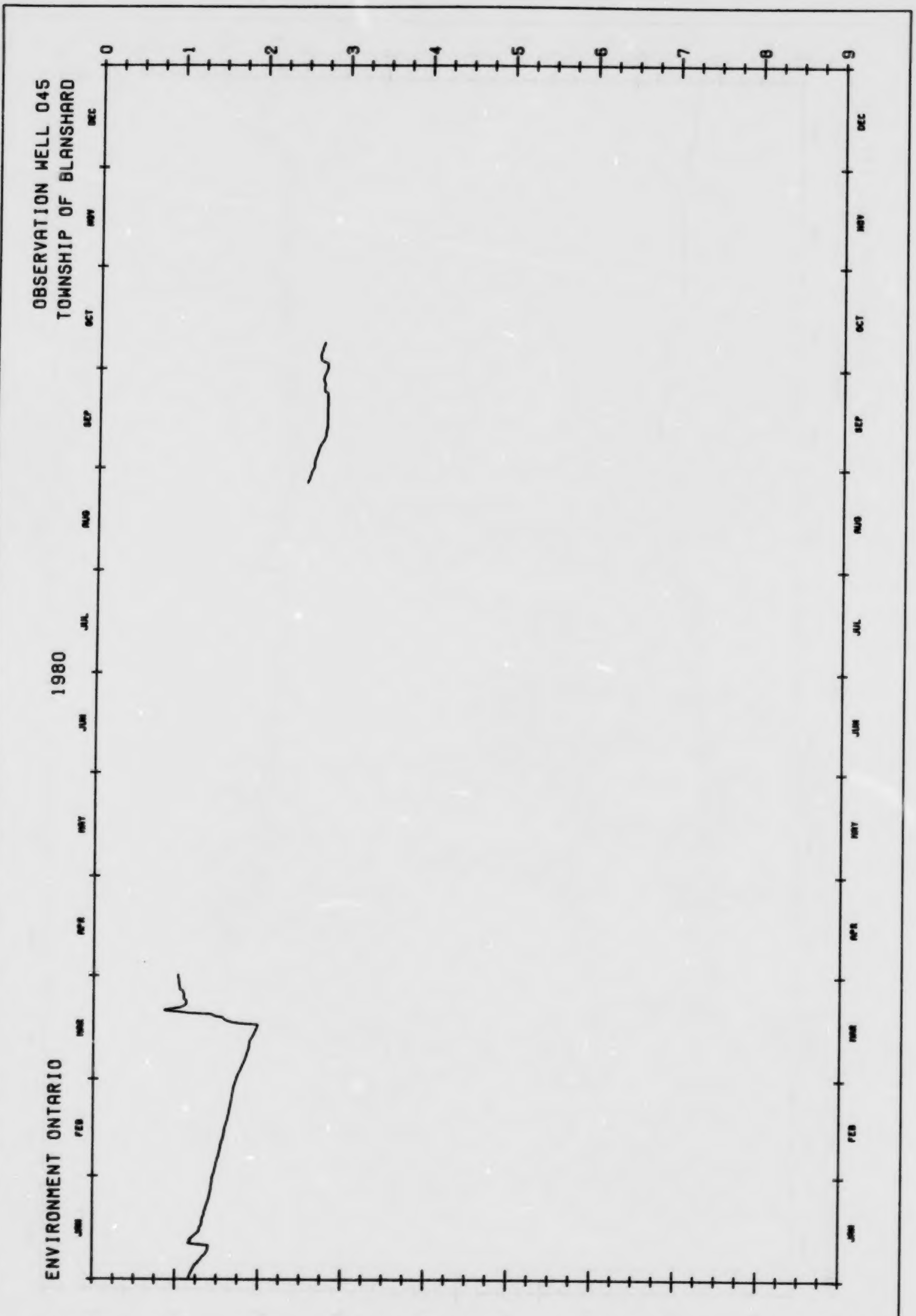
ENVIRONMENT ONTARIO
1980
OBSERVATION WELL 045
TOWNSHIP OF BLANSHARD
JAN
FEB
MAR
APR
MAY
JUN
JUL
AUG
SEP
OCT
NOV
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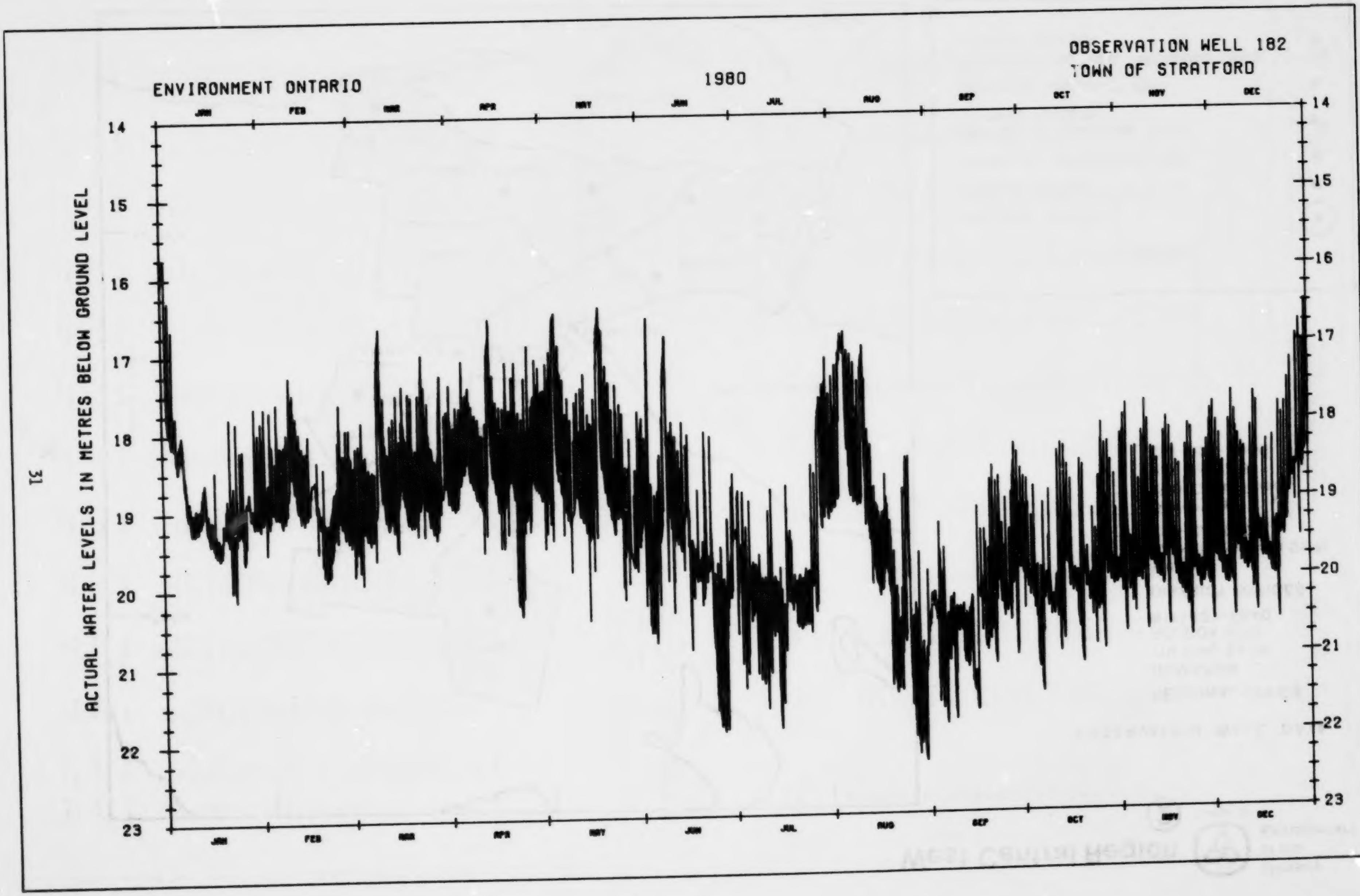
ACTUAL WATER LEVELS IN METRES BELOW GROUND LEVEL


ENVIRONMENT ONTARIO
1980
OBSERVATION WELL 182
TOWN OF STRATFORD
ACTUAL WATER LEVELS IN METRES BELOW GROUND LEVEL
14
15
16
17
18
19
20
21
22
23
JAN
FEB
MAR
APR
MAY
JUN
JUL
AUG
SEP
OCT
NOV
DEC

West Central Region

2 Ontario — Ministry of the Environment

OBSERVATION WELL DATA

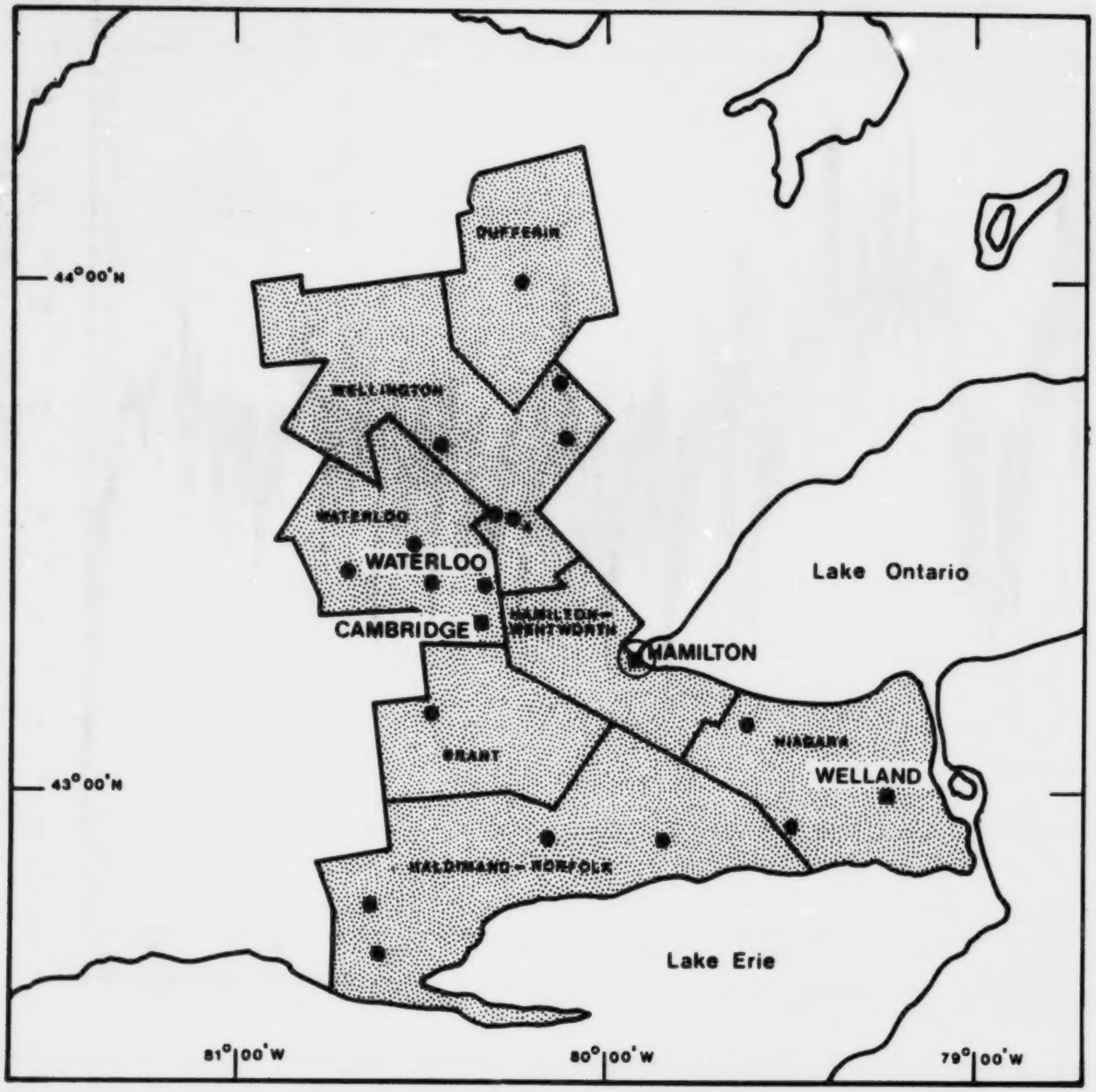
REGIONAL OFFICE

HAMILTON
119 King St. W.
P.O. BOX 2112
811-521-7640

DISTRICT OFFICES

Welland
637-641 Niagara St. N.
416-735-0431

Cambridge
400 Clyde Road
P.O. Box 219
519-623-2080



OBSERVATION WELL DISTRIBUTION

LEGEND

Regional Office	⊡
District Office	■
Recording Observation Well	●
Number of Recording Wells in same location	●2
Manually Measured Well	▲
Number of Manually Measured Wells in same location	▲2

ENVIRONMENT ONTARIO
TORONTO
BRANT COUNTY

OBSERVATION WELL 124

TOWNSHIP OF BRANTFORD   CONC. 1   LOT 2

WELL REC #: 1301823
UTM CO-ORD: Z-17 E546800 N 4779250
LAT & LONG: 43-10NORTH 80-25WEST

REC METHOD: A-35 RECORDER
REC COMMCD: JAN. 20 1965
MEASURE PT: 250.5 METRES ABOVE GROUND SURFACE
GND ELEV: 254 METRES ABOVE SEA LEVEL
WELL TYPE: DUG
WELL LOG: GREY GRAVEL WITH COARSE SAND AND COBBLES 9.8.

DIAMETER OF WELL: 91 CM
LENGTH OF CASING: 9.8 METRES
LENGTH OF SCREEN: NONE
DEPTH OF WELL: 9.8 METRES

PUMP RATE: N.A.
SPEC. CAP: N.A.
AQUIFER : GRAVEL
QUALITY : FRESH

1980
DAILY MEAN WATER LEVELS IN METRES BELOW GROUND SURFACE

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	6.74	6.80	6.96	6.72	6.53	6.68	6.86	6.97	7.16	7.31	7.39	7.46	1
2	6.73	6.80	6.96	6.71	6.53	6.69	6.86	6.97	7.17	7.31	7.39		2
3	6.73	6.81	6.96	6.70	6.52	6.69	6.87	6.97	7.17	7.31	7.39		3
4	6.72	6.81	6.97	6.69	6.52	6.71	6.87	6.98	7.18	7.32	7.39		4
5	6.73	6.82	6.98	6.68	6.52	6.71	6.88	6.99	7.18	7.33	7.40		5
6	6.72	6.83	6.98	6.67	6.52	6.72	6.89	6.99	7.19	7.33	7.40		6
7	6.74	6.84	6.99	6.67	6.53	6.72	6.89	7.00	7.20	7.33	7.40		7
8	6.75	6.84	6.99	6.66	6.54	6.73	6.90	7.01	7.21	7.34	7.40		8
9	6.75	6.85	7.00	6.65	6.55	6.73	6.90	7.02	7.21	7.34	7.41		9
10	6.74	6.85	7.00	6.65	6.55	6.73	6.91	7.02	7.21	7.34	7.41		10
11	6.71	6.86	7.01	6.64	6.56	6.74	6.92	7.03	7.22	7.34	7.41		11
12	6.70	6.87	7.01	6.64	6.57	6.75	6.93	7.04	7.22	7.35	7.41		12
13	6.70	6.88	7.01	6.64	6.57	6.75	6.93	7.04	7.23	7.36	7.42		13
14	6.70	6.89	7.02	6.63	6.58	6.76	6.94	7.05	7.23	7.36	7.42		14
15	6.70	6.89	7.03	6.62	6.59	6.76	6.95	7.05	7.24	7.36	7.42		15
16	6.70	6.90	7.03	6.61	6.60	6.77	6.95	7.06	7.24	7.37	7.43		16
17	6.70	6.91	7.02	6.59	6.60	6.78	6.96	7.07	7.24	7.37	7.43		17
18	6.71	6.92	6.97	6.57	6.60	6.78	6.97	7.07	7.25	7.37	7.43		18
19	6.71	6.93	6.94	6.55	6.60	6.79	6.98	7.07	7.25	7.37	7.43		19
20	6.72	6.93	6.91	6.53	6.61	6.79	6.98	7.08	7.26	7.37	7.44		20
21	6.71	6.93	6.84	6.52	6.61	6.80	6.99	7.09	7.26	7.37	7.44		21
22	6.72	6.94	6.78	6.51	6.62	6.81	7.00	7.10	7.26	7.37	7.44		22
23	6.73	6.93	6.77	6.50	6.62	6.82	7.01	7.11	7.27	7.38	7.45		23
24	6.74	6.92	6.76	6.50	6.62	6.83	7.01	7.11	7.27	7.38	7.45		24
25	6.75	6.92	6.75	6.50	6.63	6.83	7.02	7.12	7.28	7.38	7.44		25
26	6.76	6.92	6.75	6.51	6.64	6.84	7.03	7.12	7.28	7.38	7.45		26
27	6.76	6.93	6.74	6.51	6.64	6.85	7.03	7.13	7.29	7.38	7.45		27
28	6.77	6.94	6.74	6.52	6.65	6.85	7.03	7.14	7.29	7.38	7.45		28
29	6.78	6.95	6.74	6.52	6.66	6.85	7.00	7.14	7.30	7.38	7.45		29
30	6.78		6.74	6.52	6.66	6.85	6.98	7.15	7.31	7.39	7.46		30
31	6.79		6.73		6.67		6.97	7.16		7.39			31
-MONTHLY SUMMARY-													
MEAN	6.73	6.88	6.91	6.60	6.59	6.77	6.95	7.06	7.24	7.36	7.42		MEAN
INST MAX	6.70 (15)	6.79 (1)	6.72 (31)	6.50 (24)	6.52 (5)	6.67 (1)	6.85 (1)	6.97 (2)	7.16 (1)	7.31 (1)	7.39 (1)		INST MAX
INST MIN	6.79 (31)	6.96 (29)	7.03 (16)	6.72 (1)	6.68 (31)	6.86 (28)	7.04 (26)	7.16 (31)	7.31 (30)	7.39 (31)	7.46 (30)		INST MIN

ENVIRONMENT ONTARIO
TORONTO
DUFFERIN COUNTY

OBSERVATION WELL 046

TOWNSHIP OF LUTHER   CONC. 4   LOT 29

WELL REC #: 1701297
UTM CO-ORD: Z-17 E553920 N4862120
LAT & LONG: 43-55NORTH 80-20WEST

REC METHOD: A-35 RECORDER
REC COMMCD: NOV. 27 1953
MEASURE PT: 0.3 METRES ABOVE GROUND SURFACE
GND ELEV: 473 METRES ABOVE SEA LEVEL
WELL TYPE: DUG, DRILLED
WELL LOG: GRAVELLY, STONEY CLAY 6.1; GRAVEL SAND AND CLAY 10.7.

DIAMETER OF WELL: 122 CM, 5 CM
LENGTH OF CASING: 6.1 METRES
LENGTH OF SCREEN: NONE
DEPTH OF WELL: 10.7 METRES

PUMP RATE: N.A.
SPEC. CAP: N.A.
AQUIFER : SAND AND CLAY
QUALITY : FRESH

1980
DAILY MEAN WATER LEVELS IN METRES BELOW GROUND SURFACE

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.78	0.73	1.25	0.77	0.18	0.72	1.25	1.60	1.98	2.27	2.08	1.80	1
2	0.78	0.75	1.26	0.72	0.19	0.73	1.27	1.61	1.98	2.28	2.08	1.76	2
3	0.77	0.77	1.26	0.70	0.20	0.76	1.28	1.63	2.00	2.27	2.06	1.57	3
4	0.75	0.78	1.27	0.61	0.21	0.79	1.29	1.64	2.02	2.27	2.07	1.52	4
5	0.73	0.80	1.29	0.57	0.21	0.81	1.31	1.66	2.02	2.28	2.06	1.49	5
6	0.72	0.81	1.31	0.56	0.22	0.81	1.32	1.67	2.04	2.29	2.05	1.47	6
7	0.70	0.84	1.33	0.54	0.24	0.82	1.34	1.69	2.05	2.28	2.04	1.46	7
8	0.72	0.86	1.33	0.50	0.26	0.84	1.34	1.70	2.06	2.28	2.03	1.40	8
9	0.73	0.87	1.35	0.43	0.29	0.86	1.36	1.71	2.07	2.29	2.00	1.24	9
10	0.73	0.88	1.35	0.38	0.31	0.88	1.37	1.72	2.07	2.29	1.95	1.22	10
11	0.64	0.89	1.38	0.36	0.32	0.91	1.39	1.73	2.09	2.30	1.91	1.21	11
12	0.60	0.92	1.41	0.32	0.36	0.94	1.41	1.74	2.10	2.31	1.89	1.18	12
13	0.61	0.95	1.41	0.29	0.37	0.95	1.42	1.76	2.11	2.32	1.87	1.18	13
14	0.60	0.97	1.42	0.26	0.39	0.96	1.44	1.77	2.12	2.32	1.86	1.16	14
15	0.61	0.98	1.44	0.18	0.43	0.97	1.44	1.78	2.13	2.33	1.84	1.16	15
16	0.61	0.98	1.46	0.17	0.46	1.00	1.45	1.79	2.14	2.33	1.83	1.15	16
17	0.59	1.00	1.44	0.16	0.47	1.02	1.43	1.81	2.15	2.33	1.81	1.15	17
18	0.59	1.03	1.38	0.16	0.46	1.03	1.46	1.82	2.17	2.31	1.78	1.13	18
19	0.60	1.05	1.38	0.16	0.49	1.05	1.47	1.83	2.17	2.29	1.78	1.13	19
20	0.60	1.06	1.31	0.16	0.51	1.06	1.48	1.85	2.18	2.28	1.78	1.14	20
21	0.59	1.09	1.12	0.16	0.52	1.09	1.50	1.86	2.19	2.27	1.78	1.14	21
22	0.58	1.09	1.12	0.16	0.54	1.11	1.51	1.87	2.20	2.26	1.79	1.14	22
23	0.58	1.12	1.13	0.16	0.55	1.13	1.52	1.88	2.21	2.24	1.79	1.14	23
24	0.59	1.13	1.13	0.16	0.56	1.14	1.54	1.90	2.21	2.23	1.79	1.13	24
25	0.61	1.15	1.12	0.16	0.58	1.16	1.55	1.91	2.22	2.20	1.80	1.15	25
26	0.64	1.17	1.12	0.17	0.61	1.17	1.56	1.92	2.22	2.17	1.81	1.17	26
27	0.65	1.17	1.04	0.18	0.63	1.19	1.57	1.93	2.24	2.14	1.80	1.17	27
28	0.66	1.20	0.94	0.16	0.65	1.21	1.57	1.94	2.25	2.12	1.79	1.17	28
29	0.68	1.23	0.87	0.17	0.67	1.21	1.56	1.95	2.26	2.11	1.79	1.17	29
30	0.71		0.82	0.17	0.68	1.22	1.57	1.96	2.27	2.10	1.80	1.18	30
31	0.72		0.78		0.70		1.59	1.97		2.09		1.18	31
-MONTHLY SUMMARY-													
MEAN	0.66	0.97	1.23	0.32	0.43	0.98	1.44	1.79	2.13	2.25	1.89	1.27	MEAN
INST MAX	0.55 (11)	0.72 (1)	0.78 (31)	0.16 (18)	0.18 (1)	0.71 (1)	1.24 (1)	1.60 (1)	1.97 (2)	2.08 (31)	1.78 (21)	1.12 (24)	INST MAX
INST MIN	0.78 (1)	1.25 (29)	1.46 (16)	0.78 (1)	0.71 (31)	1.24 (30)	1.60 (31)	1.98 (31)	2.27 (30)	2.33 (16)	2.08 (1)	1.80 (1)	INST MIN

ENVIRONMENT ONTARIO
TORONTO
R. M. OF HALDIMAND - NORFOLK

OBSERVATION WELL 413

TOWNSHIP OF MIDDLETON STR 4 LOT 23

WELL REC #: 4400966
UTM CO-ORD: 2-17 E533400 N4738050
LAT & LONG: 42-46NORTH 80-36WEST

REC METHOD: A35 RECORDER
REC COMMCD: FEB 1966
MEASURE PT: 0.9 METRES ABOVE GROUND SURFACE
GND ELEV: 232 METRES ABOVE SEA LEVEL
WELL TYPE: DRILLED
WELL LOG: BLACK LOAM 0.61 MEDIUM SAND 6.11 QUICKSAND 10.71 BLUE CLAY 11.

DIAMETER OF WELL: 13 CM
LENGTH OF CASING: 10.4 METRES
LENGTH OF SCREEN: 0.6 METRES
DEPTH OF WELL: 11 METRES

PUMP RATE: N.A.
SPEC. CAP: N.A.
AQUIFER: SAND AND CLAY
QUALITY: FRESH

1980
DAILY MEAN WATER LEVELS IN METRES BELOW GROUND SURFACE

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1		0.96	1.23	0.34							2.05	2.16	1
2		0.99	1.25	0.34							2.07	2.06	2
3		1.02	1.26	0.34							2.08	1.92	3
4		1.04	1.28	0.30						2.41	2.06	1.87	4
5		1.06	1.29	0.28						2.41	2.09	1.86	5
6		1.08	1.31	0.28						2.42	2.09	1.86	6
7		1.10	1.31	0.28						2.42	2.10	1.87	7
8		1.12	1.32	0.28						2.43	2.09	1.83	8
9		1.13	1.33	0.27						2.44	2.06	1.75	9
10		1.15	1.33	0.27						2.45	2.07		10
11		1.17	1.31	0.26						2.45	2.07		11
12		1.19	1.31	0.27						2.46	2.07		12
13		1.21	1.31	0.27						2.47	2.08		13
14		1.22	1.32	0.26						2.47	2.09		14
15		1.23	1.34	0.20						2.48	2.09		15
16		1.23	1.35							2.47	2.10		16
17		1.24	1.30							2.46	2.11		17
18		1.26	1.12							2.42	2.12		18
19		1.26	1.02							2.35	2.14		19
20		1.27	0.97							2.30	2.15		20
21		1.27	0.84							2.28	2.16		21
22		1.25								2.26	2.17		22
23		1.21								2.24	2.17		23
24		1.18								2.23	2.17		24
25	0.75	1.17								2.22	2.18		25
26	0.79	1.17								2.14	2.20		26
27	0.82	1.17								2.09	2.20		27
28	0.84	1.18	0.48							2.07	2.20		28
29	0.87	1.20	0.45							2.05	2.19		29
30	0.90		0.42							2.05	2.18		30
31	0.93		0.39							2.05			31

-MONTHLY SUMMARY-

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
MEAN		1.16									2.12		MEAN
INST MAX		0.96 (1)									2.05 (1)		INST MAX
INST MIN		1.28 (21)									2.20 (26)		INST MIN

ENVIRONMENT ONTARIO
TORONTO
R. M. OF HALDIMAND - NORFOLK

OBSERVATION WELL 064

TOWNSHIP OF N. CAYUGA JT LOT 23

WELL REC #: 2600272
UTM CO-ORD: 2-17 E592905 N4750410
LAT & LONG: 43-54NORTH 79-52WEST

REC METHOD: A35 RECORDER
REC COMMCD: APR 15 1954
MEASURE PT: 0.0 METRES ABOVE GROUND SURFACE
GND ELEV: 204 METRES ABOVE SEA LEVEL
WELL TYPE: DRILLED
WELL LOG: CLAY 6.41 LIMESTONE 30.5.

DIAMETER OF WELL: 15 CM
LENGTH OF CASING: 6.4 METRES
LENGTH OF SCREEN: NONE
DEPTH OF WELL: 30.5 METRES

PUMP RATE: 0.4 L/S
SPEC. CAP: 0.001 L/S/M
AQUIFER: LIMESTONE
QUALITY: FRESH

1980
DAILY MEAN WATER LEVELS IN METRES BELOW GROUND SURFACE

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1		6.08	6.36	6.41	5.94	6.03	6.32	6.53	6.71	6.77	6.60 E	6.38 E	1
2		6.08	6.35	6.41	5.95	6.02	6.34	6.51	6.72	6.74 E	6.65 E	6.36 E	2
3		6.09	6.33	6.40	5.93	6.04	6.35	6.49	6.76	6.74 E	6.64 E	6.40 E	3
4		6.11	6.31	6.31	5.91	6.08	6.36	6.51	6.78	6.73 E	6.50 E	6.45 E	4
5		6.13	6.28	6.31	5.86	6.12	6.34	6.52	6.78	6.78 E	6.56 E	6.41 E	5
6		6.11	6.34	6.35	5.85	6.11	6.35	6.54	6.79	6.80 E	6.55 E	6.37 E	6
7		6.11	6.35	6.36	5.86	6.10	6.39	6.56	6.79	6.77 E	6.50 E	6.32 E	7
8		6.15	6.32	6.35	5.87	6.08	6.38	6.54	6.81	6.72 E	6.51 E	6.27 E	8
9		6.14	6.33	6.29	5.89	6.08	6.39	6.52	6.80	6.74 E	6.49 E	6.25 E	9
10		6.11	6.32	6.26	5.90	6.09	6.40	6.54	6.80	6.76 E	6.52 E	6.23 E	10
11	5.95	6.09	6.33	6.25	5.88	6.17	6.37	6.55	6.81	6.69 E	6.58 E	6.24 E	11
12	5.96	6.11	6.40	6.21	5.90	6.22	6.37	6.55	6.82	6.72 E	6.59 E	6.20 E	12
13	5.99	6.16	6.39	6.19	5.90	6.23	6.41	6.59	6.83	6.77 E	6.56 E	6.17 E	13
14	5.97	6.19	6.35	6.13	5.90	6.21	6.45	6.59	6.80	6.80 E	6.52 E	6.18 E	14
15	6.02	6.20	6.41	6.05	5.95	6.20	6.44	6.58	6.80	6.80 E	6.54 E	6.18 E	15
16	6.01	6.16	6.44	6.09	5.94	6.21	6.42	6.61	6.79	6.80 E	6.56 E	6.16 E	16
17	5.98	6.18	6.38	6.13	6.00	6.24	6.43	6.63	6.75	6.78 E	6.55 E	6.18 E	17
18	5.98	6.22	6.41	6.10	5.96	6.25	6.50	6.61	6.81	6.72 E	6.50 E	6.14 E	18
19	5.99	6.23	6.49	6.08	5.96	6.25	6.53	6.61	6.83	6.72 E	6.52 E	6.20 E	19
20	5.99	6.23	6.48	6.04	5.97	6.23	6.55	6.62	6.81	6.71 E	6.52 E	6.25 E	20
21	5.97	6.24	6.39	6.02	5.98	6.27	6.57	6.62	6.79	6.70 E	6.49 E	6.28 E	21
22	5.92	6.22	6.47	6.00	5.98	6.29	6.58	6.63	6.78	6.76 E	6.53 E	6.28 E	22
23	5.89	6.22	6.55	5.96	5.98	6.30	6.57	6.67	6.79	6.82 E	6.53 E	6.24 E	23
24	5.89	6.24	6.50	5.96	5.95	6.32	6.58	6.69	6.82	6.80 E	6.49 E	6.21 E	24
25	5.89	6.26	6.48	5.95	5.94	6.33	6.58	6.70	6.80	6.67 E	6.51 E	6.24 E	25
26	5.97	6.30	6.53	5.96	5.98	6.32	6.57	6.70	6.80	6.61 E	6.54 E	6.22 E	26
27	6.02	6.25	6.54	5.95	6.01	6.33	6.57	6.70	6.86	6.67 E	6.50 E	6.26 E	27
28	[illegible]	6.26	6.51	5.92	6.03	6.33	6.56	6.73	6.83	6.65 E	6.40 E	6.29 E	28
29	6.07	6.31	6.45	5.90	6.03	6.28	6.55	6.74	6.84	6.67 E	6.34 E	6.27 E	29
30	6.04		6.43	5.92	6.03	6.27	6.55	6.72	6.81	6.68 E	6.38 E	6.27 E	30
31	6.08		6.39		6.03		6.56	6.71		6.62 E		6.26 E	31

-MONTHLY SUMMARY-

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
MEAN		6.18	6.41	6.14	5.95	6.20	6.46	6.61	6.80	6.73	6.52	6.26	MEAN
INST MAX		6.07 (1)	6.26 (5)	5.89 (29)	5.85 (6)	6.02 (1)	6.30 (1)	6.48 (3)	6.71 (1)	6.59 (26)	6.33 (29)	6.13 (18)	INST MAX
INST MIN		6.34 (29)	6.56 (23)	6.42 (2)	6.03 (30)	6.33 (27)	6.58 (22)	6.74 (29)	6.86 (27)	6.83 (23)	6.66 (2)	6.46 (4)	INST MIN

ENVIRONMENT ONTARIO
TORONTO
R.M. OF HALDIMAND-NORFOLK

OBSERVATION WELL 138

TOWNSHIP OF S. WALSINGHAM — CONC. 4 — LOT 13

WELL REC #: 4401235
UTM CO-ORD: 7-17 E540150 N4722800
LAT & LONG: 42-39NORTH 80-31WEST

REC METHOD: A35 RECORDER
REC COMMCD: MAY 20 1965
MEASURE PT: 0.7 METRES ABOVE GROUND SURFACE
GND ELEV: 207 METRES ABOVE SEA LEVEL
WELL TYPE: DRILLED
WELL LOG: TOPSOIL 0.3! YELLOW SAND 1.2! BROWN SAND 4.9! DRY GREY SAND 5.5! COARSE BROWN SAND 7.3! FINE GREY SAND 9.8! MEDIUM DARK SAND 14.3.

DIAMETER OF WELL: 15 CM
LENGTH OF CASING: 12.4 METRES
LENGTH OF SCREEN: SLOTTED PIPE
DEPTH OF WELL: 12.4 METRES

PUMP RATE: 0.5 L/S
SPEC. CAP: N.A.
AQUIFER : MEDIUM SAND
QUALITY : FRESH

1980
DAILY MEAN WATER LEVELS IN METRES BELOW GROUND SURFACE

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1		3.24	3.37 E										1
2		3.24	3.37 E										2
3		3.25	3.37 E										3
4		3.25	3.38 E										4
5		3.26	3.38 E										5
6		3.26	3.38 E										6
7		3.27	3.39 E										7
8		3.28	3.39 E										8
9		3.28	3.39 E										9
10		3.28	3.40 E										10
11	3.24	3.29	3.40 E										11
12	3.23	3.29	3.40 E										12
13	3.23	3.31	3.41 E										13
14	3.23	3.31	3.41 E										14
15	3.22	3.32	3.42 E										15
16	3.22	3.32	3.43 E										16
17	3.22	3.32	3.43 E										17
18	3.22	3.33	3.43 E										18
19	3.22	3.33	3.43 E										19
20	3.21	3.33	3.43 E										20
21	3.22	3.34	3.42 E										21
22	3.21	3.34	3.41 E										22
23	3.21	3.34	3.40 E										23
24	3.21	3.35	3.39 E										24
25	3.21	3.35	3.38 E										25
26	3.21	3.35	3.38 E										26
27	3.21	3.35											27
28	3.22	3.36											28
29	3.22	3.36											29
30	3.23												30
31	3.23												31
-MONTHLY SUMMARY-													
MEAN		3.31											MEAN
INST MAX		3.23 (1)											INST MAX
INST MIN		3.37 (29)											INST MIN

ENVIRONMENT ONTARIO
TORONTO
R.M. HALDIMAND-NORFOLK

OBSERVATION WELL 545

TOWNSHIP OF TOWNSEND — CONC. 11 — LOT 21

WELL REC #: 4404036
UTM CO-ORD: 2-17 E 567485 N4750580
LAT & LONG: 42-54NORTH 80-11WEST

REC METHOD: A35 RECORDER
REC COMMCD: NOV. 22 1978
MEASURE PT: 0.2 METRES ABOVE GROUND SURFACE
GND ELEV: 220 METRES ABOVE SEA LEVEL
WELL TYPE: DUG
WELL LOG: CLAY OVERBURDEN 9.8.

DIAMETER OF WELL: 91 CM
LENGTH OF CASING: 9.8 METRES
LENGTH OF SCREEN: NONE
DEPTH OF WELL: 12.4 METRES

PUMP RATE: N.A.
SPEC. CAP: N.A.
AQUIFER : CLAY OVERBURDEN
QUALITY : FRESH

1980
DAILY MEAN WATER LEVELS IN METRES BELOW GROUND SURFACE

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1		0.76		0.42	0.43		1.78	3.01	3.94	4.28	4.15	3.62	1
2				0.44	0.47		1.81	3.03	3.96	4.28	4.10	3.61	2
3				0.45	0.50		1.85	3.06	3.98	4.28	4.08	3.59	3
4				0.29	0.54		1.89	3.10	4.00	4.29	4.00	3.56	4
5				0.36	0.57		1.94	3.13	4.00	4.30	3.96	3.51	5
6				0.42	0.60		1.98	3.17	4.01	4.31	3.93	3.46	6
7				0.43	0.62		2.04	3.20	4.01	4.32	3.90	3.40	7
8				0.40	0.62		2.08	3.22	4.02	4.33	3.87	3.33	8
9				0.31	0.62		2.12	3.24	4.03	4.34	3.85	3.27	9
10				0.36	0.62		2.17	3.27	4.05	4.35	3.83	3.22	10
11	0.60			0.41	0.62		2.21	3.29	4.06	4.36	3.81	3.17	11
12	0.61			0.38	0.63	1.03	2.26	3.32	4.08	4.37	3.79	3.13	12
13	0.62			0.41	0.59	1.07	2.32	3.35	4.10	4.38	3.77	3.16	13
14	0.72			0.32	0.55	1.12	2.37	3.38	4.11	4.41	3.74	3.20	14
15	0.75			0.32	0.60	1.16	2.42	3.41	4.13	4.43	3.73	3.24	15
16	0.76			0.42	0.62	1.18	2.45	3.44	4.14	4.45	3.72	3.27	16
17	0.74			0.46	0.63	1.22	2.50	3.48	4.15	4.46	3.71	3.30	17
18	0.72			0.47	0.53	1.28	2.54	3.51	4.16	4.46	3.69	3.33	18
19	0.70			0.49	0.53	1.33	2.59	3.53	4.17	4.47	3.68	3.34	19
20	0.70			0.51	0.58	1.34	2.63	3.56	4.18	4.47	3.67	3.35	20
21	0.70			0.53		1.32	2.67	3.59	4.19	4.47	3.66	3.34	21
22	0.70			0.55		1.37	2.71	3.62	4.21	4.47	3.65	3.34	22
23	0.72		1.42	0.56		1.44	2.74	3.66	4.22	4.47	3.66	3.34	23
24	0.73		1.28	0.59		1.51	2.78	3.69	4.23	4.46	3.66	3.34	24
25	0.74		1.15	0.61		1.58	2.81	3.73	4.25	4.50	3.65	3.35	25
26	0.74		1.07	0.62		1.64	2.84	3.76	4.25	4.42	3.66	3.34	26
27	0.74		1.02	0.61		1.71	2.87	3.79	4.26	4.39	3.66	3.33	27
28	0.74		0.97	0.42		1.76	2.90	3.82	4.27	4.36	3.65	3.32	28
29	0.75		0.87	0.33		1.77	2.92	3.85	4.27	4.32	3.63	3.31	29
30	0.75		0.77	0.38		1.77	2.95	3.88	4.28	4.27	3.62	3.31	30
31	0.75		0.53				2.98	3.91		4.20		3.30	31
-MONTHLY SUMMARY-													
MEAN				0.44			2.42	3.45	4.12	4.38	3.78	3.34	MEAN
INST MAX				0.18 (14)			1.77 (1)	2.99 (1)	3.92 (1)	4.17 (31)	3.62 (30)	3.12 (12)	INST MAX
INST MIN				0.62 (26)			2.99 (31)	3.92 (31)	4.29 (30)	4.53 (25)	4.17 (1)	3.62 (1)	INST MIN

ENVIRONMENT ONTARIO
TORONTO
REGIONAL MUNICIPALITY OF NIAGARA   TOWNSHIP OF N. GRIMSBY   CONC. 5   LOT 12

OBSERVATION WELL 399

WELL REC #: 3802296
UTM CO-ORD: 7-17 E614640 N4779880
LAT & LONG: 43-10NORTH 79-35WEST

REC METHOD: A35 RECORDER
REC COMMCD: NOV 18 1969
MEASURE PT: 0.9 METRES ABOVE GROUND SURFACE
GND ELEV: 112 METRES ABOVE SEA LEVEL
WELL TYPE: DRILLED
WELL LOG: SOFT BROWN CLAY, STONES 3.1: SOFT GREY CLAY, STONES 11.6: HARD, DENSE WHITE DOLOMITE 14.3.

DIAMETER OF WELL: 15 CM
LENGTH OF CASING: 13.4 METRES
LENGTH OF SCREEN: NONE
DEPTH OF WELL: 14.3 METRES

PUMP RATE: N.A.
SPEC. CAP: N.A.
AQUIFER : DOLOMITE
QUALITY : FRESH

1980
DAILY MEAN WATER LEVELS IN METRES BELOW GROUND SURFACE

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1				1.57	1.31	1.47	1.59	1.78	2.07				1
2				1.55	1.31	1.46	1.60	1.77					2
3				1.53	1.31	1.45	1.62	1.77					3
4				1.45	1.31	1.47	1.63	1.77					4
5				1.46	1.31	1.49	1.63	1.79					5
6				1.46	1.31	1.49	1.64	1.79					6
7				1.45	1.32	1.49	1.66	1.79					7
8				1.44	1.34	1.50	1.67	1.80					8
9				1.40	1.35	1.47	1.69	1.79					9
10				1.38	1.36	1.45	1.70	1.80					10
11				1.38	1.36	1.47	1.69	1.81					11
12				1.36	1.37	1.49	1.74	1.83					12
13				1.36	1.38	1.49	1.85	1.84					13
14				1.32	1.38	1.48	1.93	1.84					14
15				1.27	1.39	1.47	1.96	1.84					15
16				1.30	1.41	1.49	1.95	1.86					16
17				1.32	1.41	1.51	1.98	1.88					17
18				1.31	1.39	1.52	1.98	1.89					18
19				1.31	1.40	1.52	2.00	1.89					19
20				1.31	1.40	1.49	1.99	1.90					20
21				1.31	1.40	1.51	1.97	1.91					21
22				1.31	1.41	1.53	1.97	1.91					22
23				1.30	1.41	1.54	1.92	1.93					23
24				1.32	1.40	1.58	1.91	1.96					24
25				1.32	1.41	1.57	1.90	1.98					25
26				1.34	1.43	1.60	1.89	1.99					26
27			1.68	1.35	1.44	1.60	1.89	2.01					27
28			1.66	1.35	1.45	1.62	1.88	2.04					28
29			1.62	1.33	1.45	1.59	1.85	2.07					29
30			1.61	1.31	1.46	1.58	1.82	2.09					30
31			1.57		1.46		1.80	2.08					31
-MONTHLY SUMMARY-													
MEAN				1.37	1.38	1.51	1.82	1.88					MEAN
INST MAX				1.26 (15)	1.31 (5)	1.45 (3)	1.58 (1)	1.76 (3)					INST MAX
INST MIN				1.57 (1)	1.47 (30)	1.64 (28)	2.00 (18)	2.09 (30)					INST MIN

ENVIRONMENT ONTARIO
TORONTO
REGIONAL MUNICIPALITY OF NIAGARA   TOWNSHIP OF WAINFLEET   CONC. 5   LOT 37

OBSERVATION WELL 228

WELL REC #: 6602409
UTM CO-ORD: 2-17 E624861 N4755444
LAT & LONG: 42-57NORTH 79-28WEST

REC METHOD: A35 RECORDER
REC COMMCD: FEB 20 1969
MEASURE PT: 0.9 METRES ABOVE GROUND SURFACE
GND ELEV: 177 METRES ABOVE SEA LEVEL
WELL TYPE: DRILLED
WELL LOG: BROWN CLAY 1.5: BLUE CLAY 14.6: REDDISH CLAY 21.3: CLAY AND GRAVEL 33.6: SALINA LIMESTONE 53.4:

DIAMETER OF WELL: 13 CM
LENGTH OF CASING: 33.2 METRES
LENGTH OF SCREEN: NONE
DEPTH OF WELL: 53.4 METRES

PUMP RATE: 3 L/S
SPEC. CAP: 0.015 L/S/M
AQUIFER : LIMESTONE
QUALITY : MINERAL

1980
DAILY MEAN WATER LEVELS IN METRES BELOW GROUND SURFACE

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1				2.51	2.50						4.10	4.10	1
2				2.52	2.52						4.12	4.09	2
3				2.50						4.17	4.12	4.05	3
4				2.47						4.18	4.10	4.05	4
5				2.46						4.20	4.10	4.04	5
6				2.48						4.21	4.10	4.02	6
7				2.47						4.21	4.07	4.01	7
8				2.47						4.17	4.07	3.97	8
9				2.42						4.17	4.06	3.95	9
10	2.69			2.38						4.19	4.08	3.94	10
11	2.63			2.43		3.78				4.18	4.12	3.96	11
12	2.63			2.46		3.81				4.19	4.13	3.95	12
13	2.66			2.46		3.82				4.22	4.12	3.95	13
14	2.65			2.47		3.83				4.23	4.11	3.95	14
15	2.67			2.46		3.81				4.23	4.11	3.95	15
16	2.68			2.47		3.82				4.23	4.14	3.95	16
17	2.65			2.47		3.84				4.20	4.14	3.95	17
18	2.63			2.46		3.85				4.17	4.11	3.92	18
19	2.63		2.71	2.48						4.16	4.13	3.95	19
20	2.63		2.68	2.49						4.15	4.13	3.99	20
21	2.64		2.57	2.51						4.15	4.10	4.04	21
22	2.59		2.56	2.52						4.19	4.13	4.01	22
23	2.56		2.57	2.50						4.20	4.17	3.96	23
24			2.57	2.48						4.19	4.16	3.96	24
25			2.55	2.48						4.13	4.15	4.00	25
26			2.56	2.49						4.08	4.14	3.99	26
27			2.57	2.49						4.11	4.11	3.97	27
28			2.57	2.50						4.10	4.07		28
29			2.55	2.50						4.11	4.06		29
30			2.55	2.50						4.12	4.09		30
31			2.51							4.10			31
-MONTHLY SUMMARY-													
MEAN				2.48							4.11		MEAN
INST MAX				2.37 (10)							4.05 (9)		INST MAX
INST MIN				2.52 (2)							4.17 (23)		INST MIN

ENVIRONMENT ONTARIO
TORONTO
REGIONAL MUNICIPALITY OF WATERLOO   TOWN OF ELMIRA   CONC. -   LOT -

OBSERVATION WELL 053

WELL REC #: 6503536
UTM CO-ORD: 7-17 E535505 N4827750
LAT & LONG: 43-27NORTH 80-34WEST

REC METHOD: A35 RECORDER
REC COMMENCED: NOV 30 1966
MEASURE PT: 1.0 METRES ABOVE GROUND SURFACE
GND ELEV: 355 METRES ABOVE SEA LEVEL
WELL TYPE: DRILLED
WELL LOG: SAND AND GRAVEL OVERBURDEN 18.3.

DIAMETER OF WELL: 51 CM
LENGTH OF CASING: 15.3 METRES
LENGTH OF SCREEN: 2.7 METRES
DEPTH OF WELL: 18 METRES

PUMP RATE: 37 L/S
SPEC. CAP: 0.23 L/S/M
AQUIFER : SAND AND GRAVEL
QUALITY : FRESH

1980
DAILY MEAN WATER LEVELS IN METRES BELOW GROUND SURFACE

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1						4.63	4.50	4.65	5.90	6.20	6.57		1
2						4.86	4.77	4.47	5.98	6.25	6.44		2
3						5.17	5.08	4.42	6.13	6.19	6.41		3
4						5.37	5.13	4.39	6.11	6.13	6.54		4
5						5.20	5.09	4.37	6.27	6.03	6.75		5
6						5.15	4.98	4.35	6.22	6.25	6.78		6
7						4.75	5.14	4.38	6.01	6.49	6.65		7
8						4.54	5.28	4.31	6.02	6.57	6.64		8
9						4.81	5.50	4.29	6.11	6.54			9
10						5.07	5.67	4.25	6.12	6.59			10
11						5.29	5.83	4.30	6.09	6.32			11
12						5.30	5.68	4.52	6.12	6.13			12
13						5.22	5.50	5.01	5.84	6.06			13
14					5.09	4.91	5.70	5.21	5.67	6.10			14
15					4.94	4.66	5.87	5.16	5.72	6.18			15
16					5.17	5.05	5.90	4.97	5.69	6.33			16
17					4.63	5.21	5.90	4.90	5.71	6.80			17
18					4.31	5.19	5.96	4.96	5.83	6.42			18
19					4.16	5.05	5.94	5.21	5.78	6.09			19
20					4.40	5.05	5.49	5.47	5.57	6.28			20
21					4.71	4.79	5.55	5.50	5.50	6.46			21
22					4.99	4.64	5.37	5.75	5.55	6.67			22
23					5.23	5.14	5.15	6.21	5.68	6.89			23
24					5.03	5.47	4.97	6.19	5.79	6.92			24
25					4.79	5.59	4.98	6.48	5.86	6.68			25
26					5.08	5.57	4.79	6.43	5.84	6.49			26
27					5.14	5.51	4.69	6.51	5.87	6.69			27
28					5.15	4.98	4.72	6.34	5.82	6.84			28
29					5.18	4.52	4.62	6.28	5.97	6.86			29
30					5.35	4.37	4.54	6.12	6.12	6.80			30
31					5.03		4.82	5.96		6.67			31
-MONTHLY SUMMARY-													
MEAN						5.04	5.26	5.21	5.90	6.45			MEAN
INST MAX						4.20 (30)	4.24 (2)	4.07 (11)	5.24 (22)	5.73 (5)			INST MAX
INST MIN						5.96 (26)	6.36 (18)	6.72 (28)	6.52 (6)	7.24 (29)			INST MIN

ENVIRONMENT ONTARIO
TORONTO
REGIONAL MUNICIPALITY OF WATERLOO   CITY OF KITCHENER   CONC. -   LOT -

OBSERVATION WELL 082

WELL REC #: 6500765
UTM CO-ORD: 7-17 E544590 N4806630
LAT & LONG: 43-25NORTH 80-27WEST

REC METHOD: A35 RECORDER
REC COMMENCED: MAY 10 1958
MEASURE PT: 0.0 METRES ABOVE GROUND SURFACE
GND ELEV: 311 METRES ABOVE SEA LEVEL
WELL TYPE: DRILLED
WELL LOG: PREDUR 13.1; CLAY AND STONES 15.6; DRY GRAVEL 19.5; CEMENTED GRAVEL 22.6; CLAY, HARDPAN AND STONES 26.5; SANDY CLAY 27.5; BROWN CLAY 36.6; COARSE SAND 38.1; GRAVEL 38.7; UNKN 39.6.

DIAMETER OF WELL: 15 CM
LENGTH OF CASING: 6.4 METRES
LENGTH OF SCREEN: NONE
DEPTH OF WELL: 39.6 METRES

PUMP RATE: 1.1 L/S
SPEC. CAP: 0.016 L/S/M
AQUIFER : SAND AND GRAVEL
QUALITY : FRESH

1980
DAILY MEAN WATER LEVELS IN METRES BELOW GROUND SURFACE

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1		22.90	22.68					27.92	28.54	26.98	27.81		1
2	24.82	22.66	22.14					26.91	26.24	27.62			2
3		22.59	22.48						26.83	27.47	27.27		3
4		23.05	22.76					29.94	26.89	26.95	26.93		4
5		23.53	22.36			22.14		28.81	26.89	25.71	27.78		5
6	24.46	23.07	22.83			21.47		26.58	27.12	26.20	27.92		6
7		23.13	22.84			21.31		26.65	28.80	27.44	27.96		7
8		23.11	22.62			19.93		26.21	28.11	27.27	27.37		8
9		22.83	21.82			20.34		27.94	27.32	27.34	25.00		9
10		22.47	22.21			21.65	26.19	28.62	26.77	27.41	26.68		10
11		22.59	22.75			21.87	25.21	27.74	27.12	26.47	27.25		11
12		22.87	22.80			21.98	25.79	28.17	27.15	25.31	27.51		12
13		22.90	22.83			22.00	27.37		27.34	25.90	27.31		13
14		22.94	22.79			21.32	25.34		28.68	25.98			14
15		22.96	21.83			17.93	25.53		28.54	27.14			15
16		22.43	22.14			19.79	25.54	27.91	27.49	27.36			16
17		21.79	22.28			21.30	25.57	28.22	27.76	27.63			17
18	24.17	21.79	22.66			21.52	24.78	27.65	27.85	27.41			18
19	23.64	22.66				21.68	26.47	27.68	28.02	27.35			19
20	23.38	22.09				21.78	27.41	27.14	27.20	27.02			20
21	23.59	22.72					27.98	26.75	26.27	27.37			21
22	23.95	23.17				20.61	27.41	26.93	26.93	27.70			22
23	23.42	22.59				21.80	27.41	27.61	27.13	27.99			23
24	24.34	21.93				22.74	27.71	27.81	27.44	27.28			24
25	23.62	22.40				24.25	27.55	26.55	27.84	27.15			25
26	23.94	22.43				24.76	28.14	29.22	27.88	25.87			26
27	23.15	22.65				24.92	30.11	24.96	27.28	26.61			27
28	24.10	22.79				23.04	29.34	24.80	26.03	27.70			28
29	23.24	22.88					28.08	24.73	26.31	27.59			29
30	23.12					21.26	27.95	26.50	26.87	27.75			30
31	22.97						27.92	28.13		27.81			31
-MONTHLY SUMMARY-													
MEAN		22.69							27.35	27.03			MEAN
INST MAX		19.41 (17)							24.14 (26)	23.68 (13)			INST MAX
INST MIN		24.64 (22)							30.75 (15)	28.83 (27)			INST MIN

ENVIRONMENT ONTARIO
TORONTO
REGIONAL MUNICIPALITY OF WATERLOO   TOWNSHIP OF WILMOT   BRN   LOT 11

OBSERVATION WELL 396

WELL REC #: 6502145
UTM CO-ORD: 2-17 E530300 N4804475
LAT & LONG: 43-24NORTH 80-37WEST

REC METHOD: BRUTI RECORDER
REC COMMCD: JUN 13 1973
MEASURE PT: 4.6 FEET ABOVE GROUND SURFACE
GND ELEV: 1200 FEET ABOVE SEA LEVEL
WELL TYPE: DRILLED
WELL LOG: BROWN CLAY 8: SAND 17: SAND AND GRAVEL 38: BOULDERS, GRAVEL AND BROWN CLAY 51: BROWN CLAY CHANGING TO GREY COLOR 60: SILTY SAND WITH CLAY STREAKS 128: GRAVEL, SAND WITH BOULDERS 155: SAND AND FINE GRAVEL 182: GREY CLAY 205: GREY CLAY, GRAVEL 216: CEMENTED SAND, GRAVEL 218: BEDROCK 218.

DIAMETER OF WELL: 7 INCHES
LENGTH OF CASING: 144 FEET
LENGTH OF SCREEN: 11 FEET
DEPTH OF WELL: 155 FEET

PUMP RATE: 25 IGPM
SPEC. CAP: 6.58 IGPM/FT
AQUIFER : SAND AND GRAVEL
QUALITY : FRESH

1980
DAILY MEAN WATER LEVELS IN METRES BELOW GROUND SURFACE

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1		14.96	15.02	14.90	14.80	14.79							1
2		14.96	15.00	14.89	14.79	14.78							2
3		14.97	14.98	14.87	14.79	14.79							3
4		14.97	14.96	14.81	14.79	14.82							4
5		14.97	14.96	14.86	14.77	14.82							5
6		14.95	15.01	14.88	14.77	14.78							6
7		14.96	14.99	14.87	14.79	14.78							7
8		14.97	14.96	14.84	14.81	14.79							8
9		14.94	14.98	14.82	14.82	14.78							9
10		14.92	14.96	14.82	14.83	14.79							10
11		14.91	15.01	14.84	14.81	14.83							11
12		14.95	15.05	14.81	14.84	14.83							12
13		14.96	14.99	14.84	14.81	14.82							13
14		14.96	15.01	14.77	14.83	14.79							14
15		14.94	15.06	14.76	14.85	14.79							15
16		14.91	15.02	14.84	14.86	14.82							16
17		14.95	14.96	14.85	14.84	14.82							17
18	14.92	14.97	15.00	14.83	14.80	14.81							18
19	14.93	14.97	14.98	14.81	14.82	14.79							19
20	14.93	14.95	14.93	14.79		14.79							20
21	14.91	14.98	14.86	14.81		14.82							21
22	14.86	14.94	14.94	14.79		14.83							22
23	14.86	14.97	14.94	14.77		14.83							23
24	14.87	14.98	14.89	14.79	14.78								24
25	14.90	14.98	14.92	14.81	14.78								25
26	14.96	14.99	14.94	14.82	14.80								26
27	14.97	14.96	14.94	14.81	14.81								27
28	14.97	14.97	14.90	14.81	14.80								28
29	14.97	15.01	14.87	14.80	14.80								29
30	14.98		14.87	14.80	14.79								30
31	14.96		14.86		14.78								31

-MONTHLY SUMMARY-

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
MEAN		14.96	14.96	14.82									MEAN
INST MAX		14.90 (16)	14.82 (21)	14.74 (14)									INST MAX
INST MIN		15.02 (29)	15.06 (15)	14.90 (1)									INST MIN

ENVIRONMENT ONTARIO
TORONTO
REGIONAL MUNICIPALITY OF WATERLOO   TOWNSHIP OF WILMOT   SRS   LOT 14

OBSERVATION WELL 514

WELL REC #: 6503096
UTM CO-ORD: 2-17 E527650 N4805550
LAT & LONG: 43-24NORTH 80-39WEST

REC METHOD: 'F' TYPE RECORDER
REC COMMCD: JANUARY 1974
MEASURE PT: 1.5 METRES ABOVE GROUND SURFACE
GND ELEV: 354 METRES ABOVE SEA LEVEL
WELL TYPE: DRILLED
WELL LOG: BLUE CLAY 13.6: GREY SILTY SAND 15.5.

DIAMETER OF WELL: 15 CM
LENGTH OF CASING: 13.1 METRES
LENGTH OF SCREEN: 2.4 METRES
DEPTH OF WELL: 15.5 METRES

PUMP RATE: 3 L/S
SPEC. CAP: 0.076 L/S/M
AQUIFER : SILTY SAND AND CLAY
QUALITY : FRESH

1980
DAILY MEAN WATER LEVELS IN METRES BELOW GROUND SURFACE

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1		2.29	2.33	2.14	2.20	2.16	2.22	2.22	2.36 E	2.33 E	2.38 E	2.35 E	1
2		2.29	2.31	2.14	2.20	2.16	2.22	2.22	2.35 E	2.34 E	2.37 E	2.36 E	2
3		2.29	2.32	2.14	2.18	2.15	2.22	2.21	2.34 E	2.34 E	2.37 E	2.36 E	3
4		2.30	2.32	2.09	2.18	2.17	2.24	2.23	2.34 E	2.35 E	2.38 E	2.35 E	4
5		2.31	2.32	2.11	2.21	2.17	2.22	2.24	2.34 E	2.34 E	2.37 E	2.35 E	5
6		2.31	2.34	2.12	2.23	2.15	2.22	2.26	2.35 E	2.33 E	2.38 E	2.36 E	6
7		2.32	2.34	2.14	2.24	2.14	2.23	2.25	2.35 E	2.33 E	2.38 E	2.37 E	7
8		2.32	2.31	2.13	2.24	2.13	2.22	2.25	2.33 E	2.34 E	2.38 E	2.37 E	8
9		2.30	2.31	2.11	2.25	2.14	2.24	2.25	2.33 E	2.33 E	2.40 E	2.37 E	9
10		2.29	2.31	2.11	2.23	2.16	2.24	2.24	2.32 E	2.33 E	2.37 E	2.36 E	10
11		2.30	2.33	2.13	2.23	2.18	2.25	2.24	2.32 E	2.34 E	2.37 E	2.35 E	11
12		2.32		2.11	2.24	2.18	2.25	2.23	2.32 E	2.35 E	2.37 E	2.37 E	12
13		2.33	2.26	2.11	2.23	2.19	2.25	2.24	2.35 E	2.34 E	2.39 E	2.39 E	13
14		2.33	2.27	2.10	2.23	2.17	2.27	2.24	2.36 E	2.33 E	2.37 E	2.40 E	14
15		2.32	2.28	2.09	2.23	2.16	2.26	2.25	2.33 E	2.33 E	2.39 E	2.40 E	15
16		2.30	2.26	2.13	2.24	2.18	2.25	2.25	2.33 E	2.33 E	2.38 E	2.40 E	16
17		2.30	2.23	2.14	2.22	2.20	2.26	2.25	2.34 E	2.34 E	2.38 E	2.40 E	17
18	2.22	2.32	2.23	2.15	2.17	2.19	2.26	2.25	2.32 E	2.37 E	2.37 E	2.39 E	18
19	2.21	2.32	2.22	2.14	2.18	2.19	2.26	2.26	2.32 E	2.38 E	2.36 E	2.42 E	19
20	2.21	2.32	2.19	2.13	2.19	2.19	2.25	2.26	2.34 E	2.36 E	2.36 E		20
21	2.22	2.33	2.12	2.16	2.20	2.19	2.25	2.26	2.35 E	2.35 E	2.36 E		21
22	2.22	2.32	2.19	2.19	2.21	2.19	2.24	2.27	2.33 E	2.34 E	2.36 E		22
23	2.22	2.32	2.20	2.17	2.21	2.21	2.24	2.27	2.34 E	2.34 E	2.37 E		23
24	2.23	2.32	2.16	2.18	2.20	2.22	2.25	2.26	2.33 E	2.35 E	2.36 E		24
25	2.25	2.32	2.16	2.19	2.20	2.22	2.25	2.28	2.34 E	2.36 E	2.35 E		25
26	2.26	2.32	2.16	2.19	2.21	2.21	2.24	2.28 E	2.33 E	2.39 E	2.34 E		26
27	2.25	2.30	2.12	2.19	2.21	2.23	2.23	2.31 E	2.33 E	2.37 E	2.35 E		27
28	2.27	2.32	2.16	2.20	2.21	2.20	2.22	2.31 E	2.34 E	2.37 E	2.36 E		28
29	2.28	2.34	2.13	2.18	2.21	2.18	2.21	2.31 E	2.33 E	2.36 E	2.36 E		29
30	2.29		2.12	2.19	2.21	2.19	2.22	2.34 E	2.33 E	2.37 E	2.37 E		30
31	2.29		2.12		2.20		2.22	2.35 E		2.34 E			31

-MONTHLY SUMMARY-

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
MEAN		2.31		2.14	2.21	2.18	2.24	2.26	2.34	2.35	2.37		MEAN
INST MAX		2.26 (1)		2.07 (15)	2.17 (19)	2.12 (9)	2.19 (1)	2.20 (12)	2.29 (12)	2.30 (6)	2.33 (26)		INST MAX
INST MIN		2.36 (29)		2.24 (22)	2.27 (9)	2.25 (24)	2.31 (14)	2.36 (31)	2.38 (2)	2.41 (31)	2.42 (9)		INST MIN

ENVIRONMENT ONTARIO
TORONTO
COUNTY OF WELLINGTON

OBSERVATION WELL 531

VILLAGE OF ERIN   CON. -   LOT -

WELL REC #: 6700832
UTM CO-ORD: 7-17 E574475 N4847450
LAT & LONG: 43-47NORTH 80-04WEST

REC METHOD: A-35 RECORDER
REC COMMCD: OCT. 09 1979
MEASURE PT: 0.0 METRES ABOVE GROUND SURFACE
GND ELEV: 392 METRES ABOVE SEA LEVEL
WELL TYPE: DRILLED
WELL LOG: GRAVEL AND BOULDERS 4.6; GRAVEL 9.2; LIMESTONE ROCK 27.

DIAMETER OF WELL: 10 CM
LENGTH OF CASING: 9.2 METRES
LENGTH OF SCREEN: NONE
DEPTH OF WELL: 16.2 METRES

PUMP RATE: 1 L/S
SPEC. CAP: 3.54 L/S/M
AQUIFER: LIMESTONE
QUALITY: FRESH

1980
DAILY MEAN WATER LEVELS IN METRES BELOW GROUND SURFACE

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1		2.78			2.46	3.15	3.19	3.32					1
2		2.75	2.50	2.64	2.46	3.14	3.18	3.34					2
3		2.73	2.52	2.64	2.48	3.13	3.19	3.34					3
4		2.69	2.54	2.62	2.51	3.13	3.21	3.34					4
5			2.56	2.62	2.54	3.16	3.24	3.34					5
6			2.58	2.63	2.58	3.21	3.27	3.34					6
7			2.59	2.63	2.62	3.25	3.29	3.35					7
8			2.60	2.63	2.65	3.27	3.28	3.35		4.07			8
9			2.63	2.58	2.68	3.27	3.29	3.34		4.07			9
10			2.64	2.56	2.71	3.26	3.31	3.35		4.08			10
11			2.65	2.56	2.75	3.22	3.32			4.09			11
12			2.65	2.55	2.78	3.23	3.34			4.10			12
13			2.65	2.53	2.80	3.25	3.34			4.11			13
14			2.67	2.51	2.76	3.27	3.34			4.13			14
15			2.70	2.44	2.78	3.29	3.34			4.14			15
16	3.15		2.71	2.44	2.82	3.31	3.34			4.14			16
17	3.12		2.71	2.44	2.86	3.35	3.34			4.14			17
18	3.09		2.67	2.43	2.81	3.38	3.34			4.12			18
19	3.05		2.62	2.43	2.77	3.38	3.34			4.08			19
20	3.05		2.49	2.45	2.81	3.36	3.34			4.07			20
21	3.05			2.46	2.84	3.33	3.34			4.06			21
22	3.03			2.48	2.87	3.33	3.35			4.06			22
23	3.01			2.51	2.90	3.34	3.34			4.07			23
24	2.98			2.53	2.89	3.34	3.34			4.08			24
25	2.96			2.55	2.89	3.34	3.34						25
26	2.92			2.59	2.95	3.35	3.34						26
27	2.90			2.61	3.00	3.38	3.34						27
28	2.88			2.57	3.03	3.39	3.34						28
29	2.86			2.48	3.06	3.34	3.33						29
30	2.83			2.46	3.11	3.23	3.29						30
31	2.80				3.13		3.30						31
					-MONTHLY SUMMARY-								
MEAN					2.78	3.28	3.31						MEAN
INST MAX					2.46 (2)	3.12 (3)	3.18 (2)						INST MAX
INST MIN					3.14 (31)	3.40 (28)	3.35 (27)						INST MIN

ENVIRONMENT ONTARIO
TORONTO
WELLINGTON COUNTY

OBSERVATION WELL 532

TOWNSHIP OF GUELPH   DIV. C 5   LOT 8

WELL REC #: 6701127
UTM CO-ORD: 2-17 E563196 N4825875
LAT & LONG: - NORTH - WEST

REC METHOD: A35 RECORDER
REC COMMCD: MAR. 13 1978
MEASURE PT: 3.85 METRES ABOVE GROUND SURFACE
GND ELEV: 343 METRES ABOVE SEA LEVEL
WELL TYPE: DRILLED
WELL LOG: BROWN CLAY, STONES AND FINE GRAVEL 2.4; GREY CLAY AND GRAVEL 14.3; LIGHT BROWN BROKEN ROCK 16.8; DARK BROWN ROCK 18.3; BLACK ROCK 33.5; DARK GREY ROCK 38.6; LIGHT GREY ROCK 64.1; GREY AND BLUE ROCK 67.1; BLUE SHALE 67.1.

DIAMETER OF WELL: 30 CM
LENGTH OF CASING: 20.1 METRES
LENGTH OF SCREEN: NONE
DEPTH OF WELL: 67.1 METRES

PUMP RATE: 30 L/S
SPEC. CAP: 0.007 L/S/M
AQUIFER: DOLOMITE
QUALITY: FRESH

1980
DAILY MEAN WATER LEVELS IN METRES BELOW GROUND SURFACE

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1				-1.52	-1.80								1
2				-1.52	-1.80								2
3				-1.50	-1.80								3
4				-1.54	-1.79								4
5				-1.52	-1.79								5
6				-1.52	-1.77								6
7				-1.54	-1.76								7
8				-1.54	-1.73								8
9				-1.57	-1.72								9
10				-1.61	-1.72								10
11				-1.61	-1.73								11
12				-1.62	-1.71								12
13				-1.57	-1.74								13
14				-1.59	-1.73								14
15				-1.64	-1.72								15
16				-1.64									16
17				-1.65									17
18				-1.70									18
19				-1.71									19
20			-0.24	-1.72									20
21			-0.52	-1.71									21
22			-1.09	-1.73									22
23			-1.46	-1.73									23
24			-1.65	-1.70									24
25			-1.54	-1.69									25
26			-1.58	-1.69									26
27			-1.55	-1.70									27
28			-1.54	-1.72									28
29			-1.56	-1.76									29
30			-1.55	-1.79									30
31			-1.55										31
						-MONTHLY SUMMARY-							
MEAN				-1.63									MEAN
INST MAX				-1.81 (30)									INST MAX
INST MIN				-1.48 (3)									INST MIN

ENVIRONMENT ONTARIO
TORONTO
WELLINGTON COUNTY

OBSERVATION WELL 537

TOWNSHIP OF GUELPH — DIV. B-1 LOT 11

WELL REC #: 6700956
UTM CO-ORD: Z-17 E555024 N4820862
LAT & LONG: 43-38NORTH 80-19WEST

REC METHOD: A-71 METRIC RECORDER
REC COMMCD: JUL. 07 1978
MEASURE PT: 0.13 METRES ABOVE GROUND SURFACE
GND ELEV: 342.5 METRES ABOVE SEA LEVEL
WELL TYPE: DRILLED

DIAMETER OF WELL: 30.5 CM
LENGTH OF CASING: 10.1 METRES
LENGTH OF SCREEN: NONE
DEPTH OF WELL: 108.6 METRES

PUMP RATE: 8.8 L/S
SPEC. CAP: N.A.
AQUIFER : DOLOMITE
QUALITY : FRESH

WELL LOG: GREY CLAY AND STONES 4.3: GREY CLAY AND GRAVEL 10.1: DARK BROWN ROCK 12.2: LIGHT BROWN ROCK 55.8: LIGHT GREY ROCK 65.6: LIGHT BLUE ROCK 85.4: LIGHT BLUE AND SOME WHITE ROCK 91.5: LIGHT BROWN ROCK 98.8: DARK BLUE ROCK 101.9: DARK GREY ROCK 107.4: BLUE SHALE 108.6.

1980
DAILY MEAN WATER LEVELS IN METRES BELOW GROUND SURFACE

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	5.77	8.35	8.57	9.38	8.16	8.29	8.64	11.63	11.10	10.62	11.06		1
2	5.71	8.36	8.52	9.39	8.23	8.28	8.62	11.76	10.75	10.69	10.97		2
3	5.71	8.35	8.46	9.43	8.32	8.21	8.62	11.89	10.47	10.81	10.87		3
4	5.66	8.34	8.44	9.35	8.37	8.19	8.60	12.00	10.25	10.87	10.89		4
5	5.79	8.34	8.49	9.39	8.36	8.21	8.58	12.11	10.07	10.89	10.89		5
6	6.43	8.32	8.69	9.39	8.29	8.24	8.57	12.14	9.88	10.79	10.86		6
7	6.92	8.36	8.79	9.31	8.30	8.21	8.54	12.16	9.77	10.75			7
8	7.41	8.39	8.82	9.22	8.36	8.14	8.65	12.20	9.70	10.67			8
9	7.73	8.34	8.91	9.10	8.39	8.07	8.70	12.19	9.65	10.63			9
10	7.96	8.31	8.89	9.04	8.39	8.09	8.66	12.22	9.62	10.72			10
11	7.96	8.28	9.00	9.10	8.36	8.05	8.72	12.22	9.61	10.82			11
12	8.02	8.34	8.89	9.15	8.32	8.11	8.70	12.14	9.62	10.90			12
13	7.60	8.39	8.98	9.22	8.35	8.18	8.71	12.10	9.60	10.84			13
14	7.13	8.41	8.91	9.27	8.32	8.19	8.81	12.14	9.65	10.84			14
15	6.82	8.38	8.95	9.12	8.32	8.16	8.96	12.15	9.70	10.81			15
16	6.51	8.33	8.86	9.17	8.37	8.17	9.09	12.16	9.75	10.69			16
17	6.40	8.38	8.70	9.33	8.40	8.19	9.21	12.20	9.87	10.60			17
18	6.50	8.41	8.73	9.28	8.38	8.23	9.36	12.19	9.91	10.54			18
19	6.80	8.42	8.77	9.12	8.28	8.24	9.47	12.15	9.94	10.53			19
20	7.12	8.40	8.78	8.87	8.26	8.23	9.59	12.14	10.01	10.56			20
21	7.32	8.46	8.88	8.67	8.27	8.20	9.62	12.20	9.95	10.69			21
22	7.44	8.41	9.04	8.51	8.26	8.20	9.68	12.18	9.93	10.79			22
23	7.59	8.45	9.34	8.36	8.32	8.22	9.78	12.10	9.95	10.84			23
24	7.72	8.46	9.43	8.33	8.37	8.24	9.89	11.99	9.99	10.89			24
25	7.86	8.47	9.54	8.34	8.34	8.25	9.89	11.87	10.01	10.91			25
26	8.01	8.49	9.62	8.34	8.31	8.27	9.89	11.75	10.04	10.84			26
27	8.08	8.41	9.58	8.31	8.33	8.41	10.14	11.73	10.03	10.79			27
28	8.12	8.46	9.49	8.27	8.34	8.56	10.50	11.77	10.18	10.88			28
29	8.16	8.55	9.46	8.21	8.33	8.71	10.85	11.78	10.39	11.04			29
30	8.25		9.46	8.14	8.33	8.73	11.18	11.71	10.48	11.09			30
31	8.31		9.37		8.32		11.46	11.46		11.02			31
					-MONTHLY SUMMARY-								
MEAN	7.19	8.39	8.98	8.94	8.32	8.25	9.34	12.01	10.00	10.79			MEAN
INST MAX	5.62 (4)	8.26 (11)	8.43 (3)	8.12 (30)	8.14 (1)	8.03 (11)	8.52 (7)	11.29 (31)	9.58 (13)	10.51 (19)			INST MAX
INST MIN	8.36 (31)	8.61 (29)	9.63 (26)	9.46 (3)	8.43 (17)	8.75 (30)	11.54 (31)	12.26 (11)	11.29 (1)	11.13 (29)			INST MIN

ENVIRONMENT ONTARIO
TORONTO
WELLINGTON COUNTY

OBSERVATION WELL 536

TOWNSHIP OF NICHOL — CONC. 11 LOT 16

WELL REC #: 6706084
UTM CO-ORD: Z-17 E544930 N4837620
LAT & LONG: 43-42NORTH 80-26WEST

REC METHOD: A-71 METRIC RECORDER
REC COMMCD: JUL. 05 1978
MEASURE PT: 41 CM ABOVE GROUND SURFACE
GND ELEV: 84.5 METRES ABOVE SEA LEVEL
WELL TYPE: DRILLED

DIAMETER OF WELL: 20.32 CM
LENGTH OF CASING: 15.6 METRES
LENGTH OF SCREEN: NONE
DEPTH OF WELL: 84.5 METRES

PUMP RATE: 6.28L/S
SPEC. CAP: N.A.
AQUIFER : DOLOMITE
QUALITY : FRESH

WELL LOG: BLACK TOPSOIL 0.3: MEDIUM BROWN SAND 3.7: STONEY GRAVEL AND CLAY 11.0: STONEY HARDPAN 13.4: LIGHT BUFF DOLOMITE 31.1: LIGHT BUFF TO WHITE DOLOMITE 44.5: WHITE DOLOMITE 54.9: MEDIUM BROWN SANDSTONE 56.7: BROWN SANDSTONE WITH DARK BROWN MARL 61.6: BROWN SANDSTONE 63.4: MEDIUM BROWN DOLOMITE 71.7: MEDIUM TO DARK BROWN DOLOMITE 72.9: WHITE DOLOMITE 76.9: WHITE TO BUFF DOLOMITE 80.5: BUFF DOLOMITE 84.5.

1980
DAILY MEAN WATER LEVELS IN METRES BELOW GROUND SURFACE

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1					13.69	13.60							1
2					13.82	13.48	13.82						2
3					13.79	13.47	13.78	13.68					3
4					13.76	13.61	13.81	13.67					4
5	13.57				13.60	13.53		13.61					5
6					13.68	13.55	13.91	13.66					6
7					13.71	13.60	13.87	13.65					7
8					13.60	13.65	13.84	13.75					8
9					13.59	13.69	13.81	14.06					9
10					13.60	13.61	13.81	14.00					10
11					13.56	13.59	13.85	13.85					11
12						13.74	13.92	14.10					12
13					13.58	13.87	13.94	14.24					13
14					13.52	13.89	13.85	14.37					14
15					13.37		13.75	14.44					15
16					13.38		13.73						16
17					13.47	13.77	13.82						17
18						13.58	13.86						18
19						13.54							19
20						13.61							20
21					13.40	13.75							21
22					13.38	13.80							22
23					13.34	13.79	13.84						23
24					13.37	13.65							24
25					13.44	13.72							25
26					13.51	13.85							26
27				13.88	13.46	13.86							27
28				13.81	13.37	13.85							28
29				13.74	13.36								29
30				13.68	13.40								30
31					13.80								31
					-MONTHLY SUMMARY-								
MEAN													MEAN
INST MAX													INST MAX
INST MIN													INST MIN

ENVIRONMENT ONTARIO
TORONTO
WELLINGTON COUNTY

OBSERVATION WELL 131

TOWNSHIP OF PUSLINCH — CONC. 11 LOT 4

WELL REC #: 6702809
UTM CO-ORD: 2-17 E568056 N4822756
LAT & LONG: 43-34NORTH 80-10WEST

REC METHOD: 'F' TYPE RECORDER
REC COMMCD: FEB 2 1965
MEASURE PT: 0.0 METRES ABOVE GROUND SURFACE
GND ELEV: 340 METRES ABOVE SEA LEVEL
WELL TYPE: DRILLED
WELL LOG: LOAM 0.3; GRAVEL, SAND AND BOULDERS 1.5; GRAVEL, CLAY AND BOULDERS 8.2; SAND, GRAVEL, CLAY 9.8; SAND 11.1; DARK HARD SHALE 16.2; GREY LIMESTONE 34.5; VERY SOFT LIMESTONE 35.1; GREY LIMESTONE 36.7; VERY SOFT LIMESTONE 40; HARD GREY LIMESTONE 42.1.

DIAMETER OF WELL: 30 CM
LENGTH OF CASING: 12.4 METRES
LENGTH OF SCREEN: NONE
DEPTH OF WELL: 42.1METRES

PUMP RATE: 53 L/S
SPEC. CAP: 3.2 L/S/M
AQUIFER: LIMESTONE
QUALITY: FRESH

1980
DAILY MEAN WATER LEVELS IN METRES BELOW GROUND SURFACE

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	13.93			14.17		14.26							1
2	14.05			14.17		14.26							2
3	14.59			14.18		14.33							3
4				14.14		14.26							4
5				14.16		14.76							5
6				14.77		14.67							6
7				14.21		14.27							7
8				14.22		14.26							8
9				14.14	14.79								9
10				14.23	14.68								10
11				14.24	14.22								11
12				14.14	14.40								12
13				14.15	14.34								13
14				14.09	14.73								14
15		15.20		14.01	14.21								15
16		15.08		14.04	14.72								16
17		14.47			14.24								17
18		15.04			14.17								18
19		15.14			14.16								19
20		15.17			14.42								20
21					14.69								21
22					14.25								22
23					14.39								23
24					14.24								24
25					14.25								25
26					14.26								26
27					14.27								27
28					14.27								28
29			14.16		14.55								29
30			14.16		14.27								30
31			14.16		14.30								31

-MONTHLY SUMMARY-

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
MEAN													MEAN
INST MAX													INST MAX
INST MIN													INST MIN

ENVIRONMENT ONTARIO
TORONTO
WELLINGTON COUNTY

OBSERVATION WELL 213

TOWNSHIP OF PUSLINCH — CONC. 10 LOT 4

WELL REC #: 6704351
UTM CO-ORD: 2-17 E567300 N4822500
LAT & LONG: 43-33NORTH 80-10WEST

REC METHOD: 'F' TYPE RECORDER
REC COMMCD: MAR 19 1968
MEASURE PT: 0.0 METRES ABOVE GROUND SURFACE
GND ELEV: 320 METRES ABOVE SEA LEVEL
WELL TYPE: DUG
WELL LOG: CLAY AND BOULDERS 1.8; COARSE GRAVEL 3.4.

DIAMETER OF WELL: 51 CM
LENGTH OF CASING: 3.4 METRES
LENGTH OF SCREEN: NONE
DEPTH OF WELL: 3.4 METRES

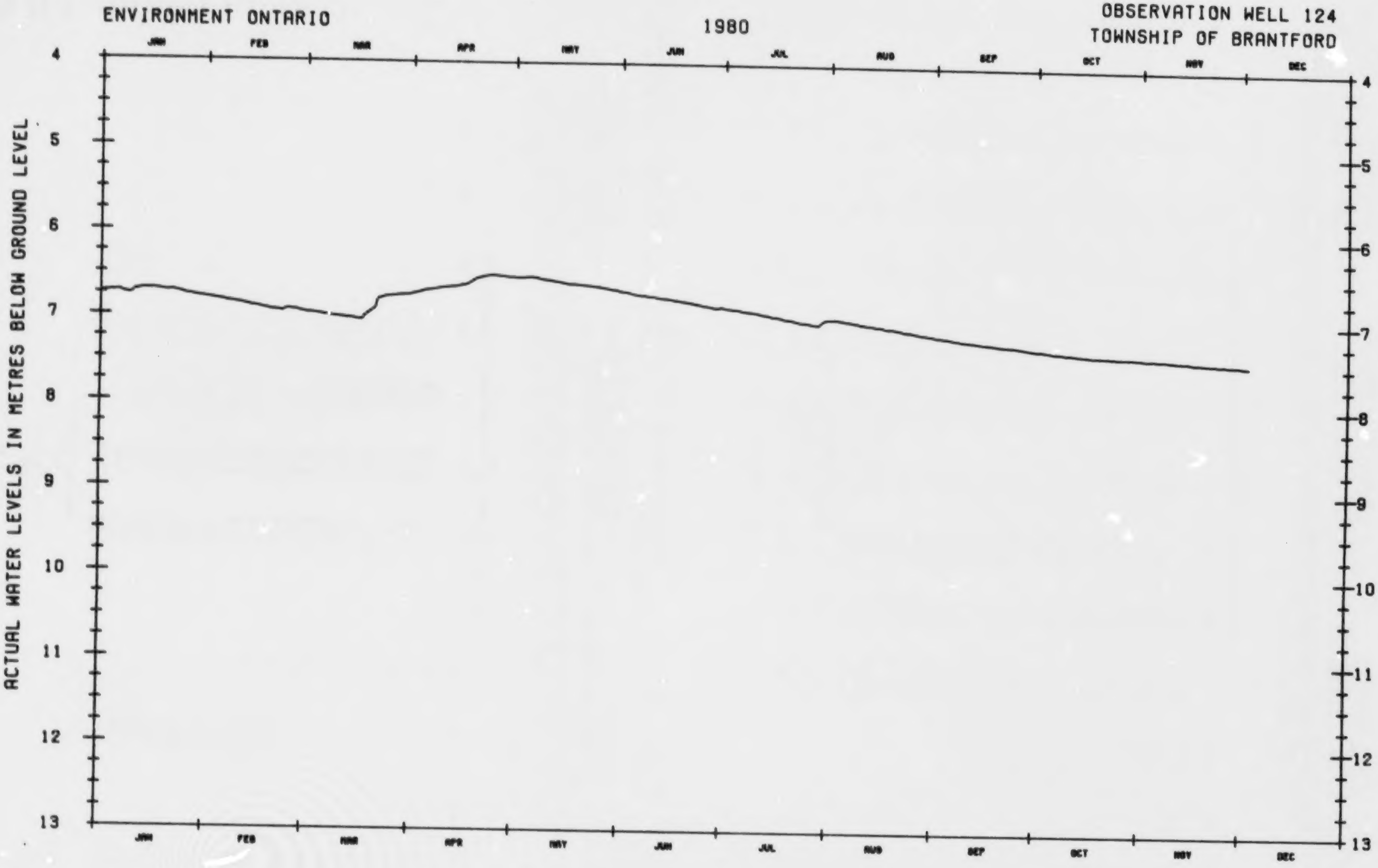
PUMP RATE: N.A.
SPEC. CAP: N.A.
AQUIFER: OVERBURDEN
QUALITY: FRESH

1980
DAILY MEAN WATER LEVELS IN METRES BELOW GROUND SURFACE

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1			2.82			2.80	2.79						1
2			2.82			2.80	2.79						2
3			2.82			2.80	2.79						3
4			2.82			2.80	2.79						4
5			2.81			2.80	2.79						5
6			2.81			2.80	2.79						6
7			2.81			2.80	2.79						7
8			2.81			2.80	2.79						8
9			2.81		2.82	2.79	2.79						9
10			2.81		2.82	2.79	2.79						10
11			2.80		2.82	2.79							11
12			2.81		2.82	2.79							12
13			2.81		2.82	2.79							13
14			2.81		2.82	2.79							14
15		2.75	2.81		2.82	2.79							15
16		2.76	2.81		2.82	2.79							16
17		2.78	2.81		2.82	2.79							17
18		2.80			2.82	2.79							18
19		2.81			2.81	2.79							19
20		2.81			2.81	2.79							20
21		2.81			2.81	2.79							21
22		2.81			2.81	2.79							22
23		2.81			2.81	2.79							23
24		2.81			2.81	2.79							24
25		2.81			2.81	2.79							25
26		2.82			2.81	2.79							26
27		2.82			2.81	2.79							27
28		2.82			2.81	2.79							28
29		2.82			2.81	2.79							29
30					2.80	2.79							30
31					2.80								31

-MONTHLY SUMMARY-

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
MEAN						2.79							MEAN
INST MAX						2.79 (28)							INST MAX
INST MIN						2.80 (1)							INST MIN


ENVIRONMENT ONTARIO
1980
OBSERVATION WELL 124
TOWNSHIP OF BRANTFORD
ACTUAL WATER LEVELS IN METRES BELOW GROUND LEVEL
4
5
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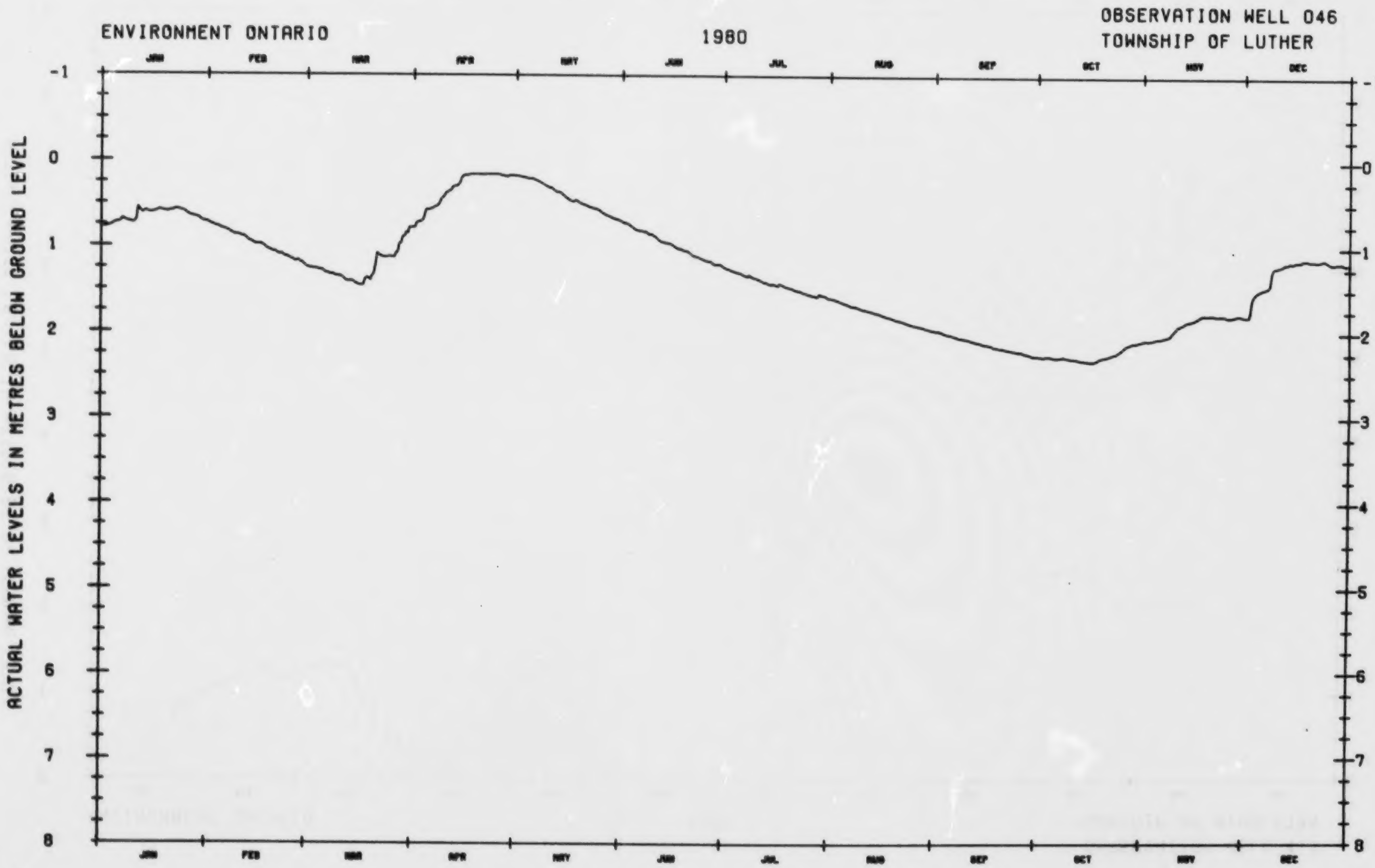
13
JAN
FEB
MAR
APR
MAY
JUN
JUL
AUG
SEP
OCT
NOV
DEC


ENVIRONMENT ONTARIO
1980
OBSERVATION WELL 046
TOWNSHIP OF LUTHER
ACTUAL WATER LEVELS IN METRES BELOW GROUND LEVEL
-1
0
1
2
3
4
5
6
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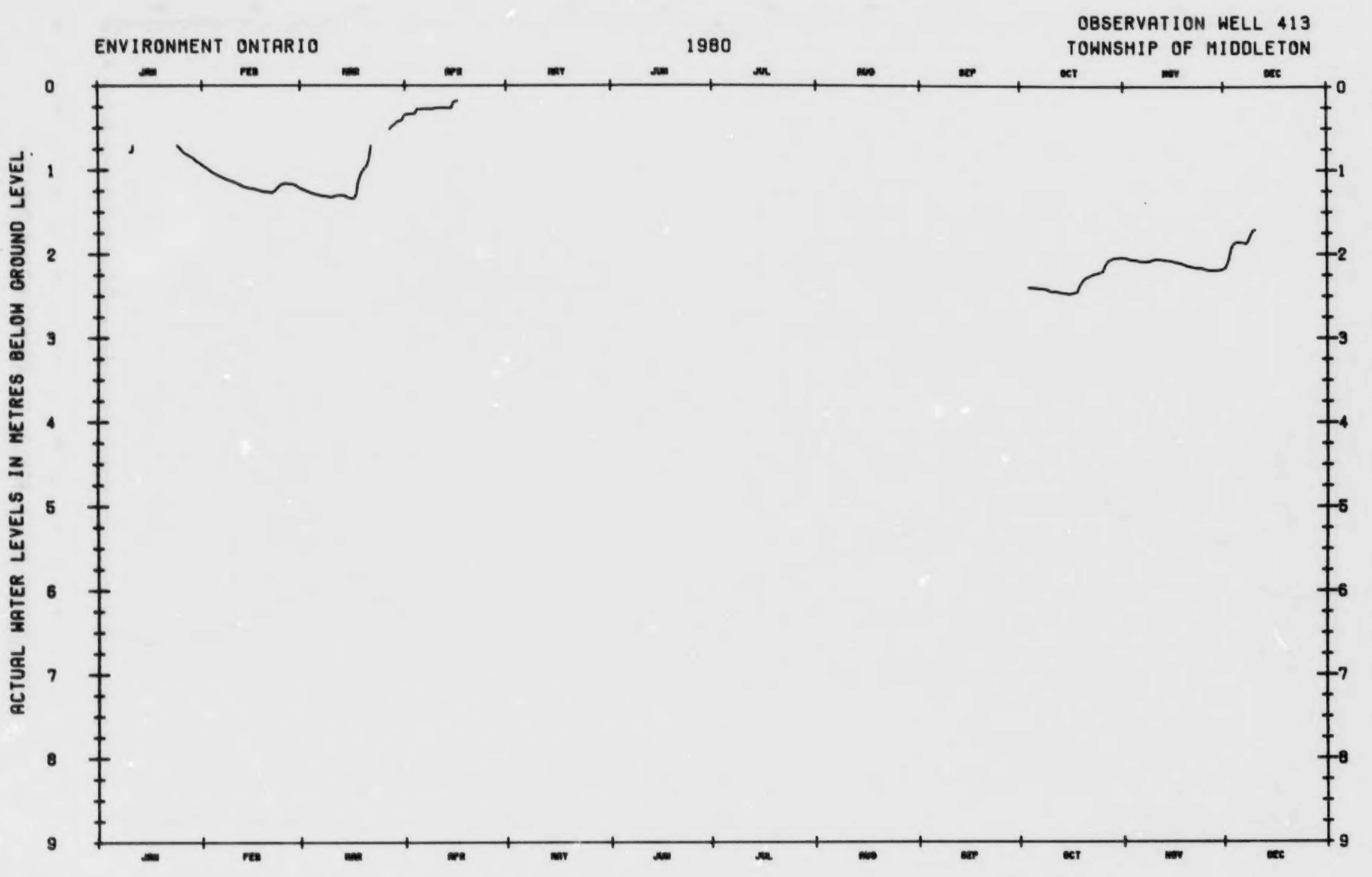
8


ENVIRONMENT ONTARIO
1980
OBSERVATION WELL 413
TOWNSHIP OF MIDDLETON
ACTUAL WATER LEVELS IN METRES BELOW GROUND LEVEL
0
1
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JAN
FEB
MAR
APR
MAY
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AUG
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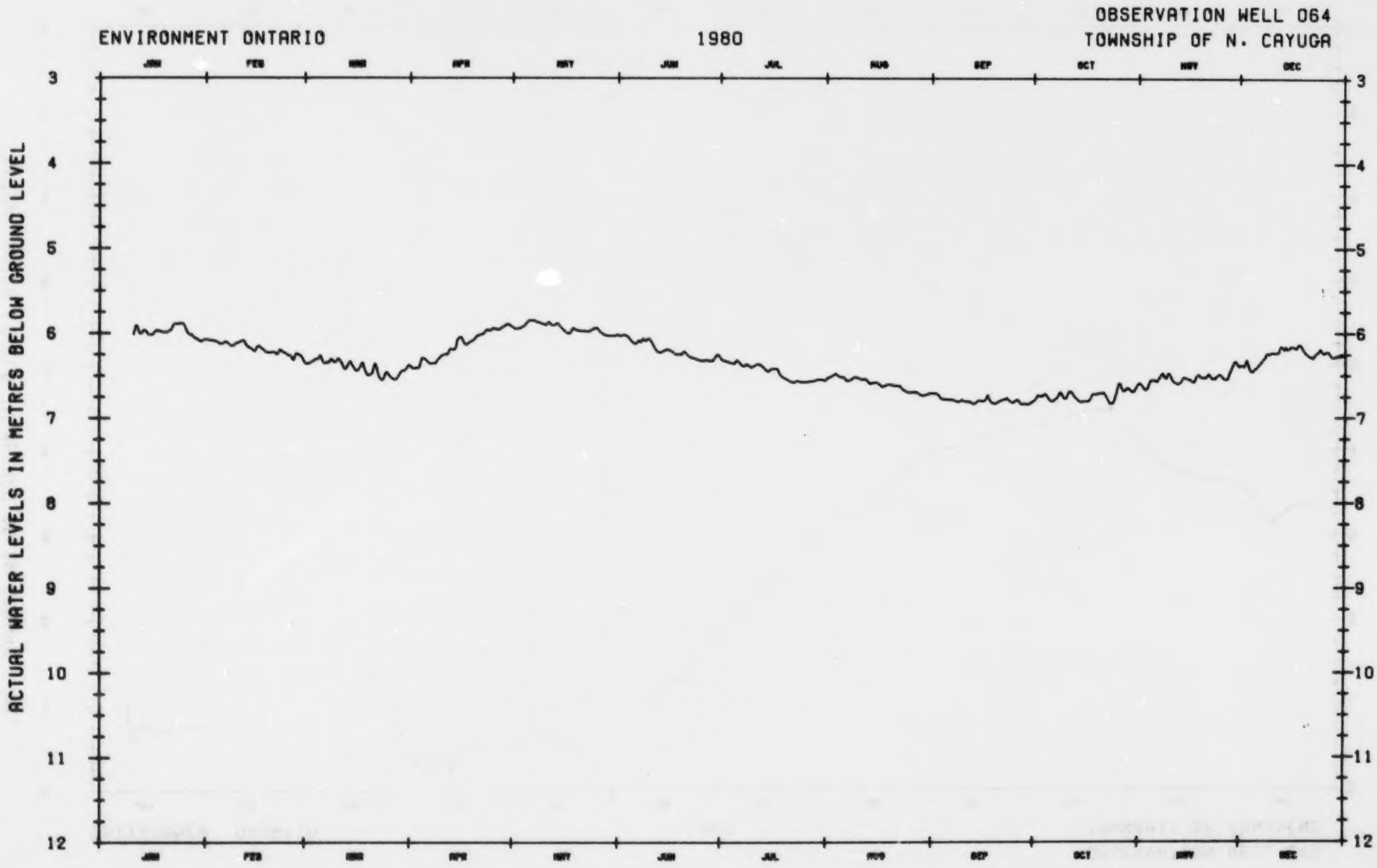
OCT
NOV
DEC


ENVIRONMENT ONTARIO
1980
OBSERVATION WELL 064
TOWNSHIP OF N. CAYUGA
ACTUAL WATER LEVELS IN METRES BELOW GROUND LEVEL
3
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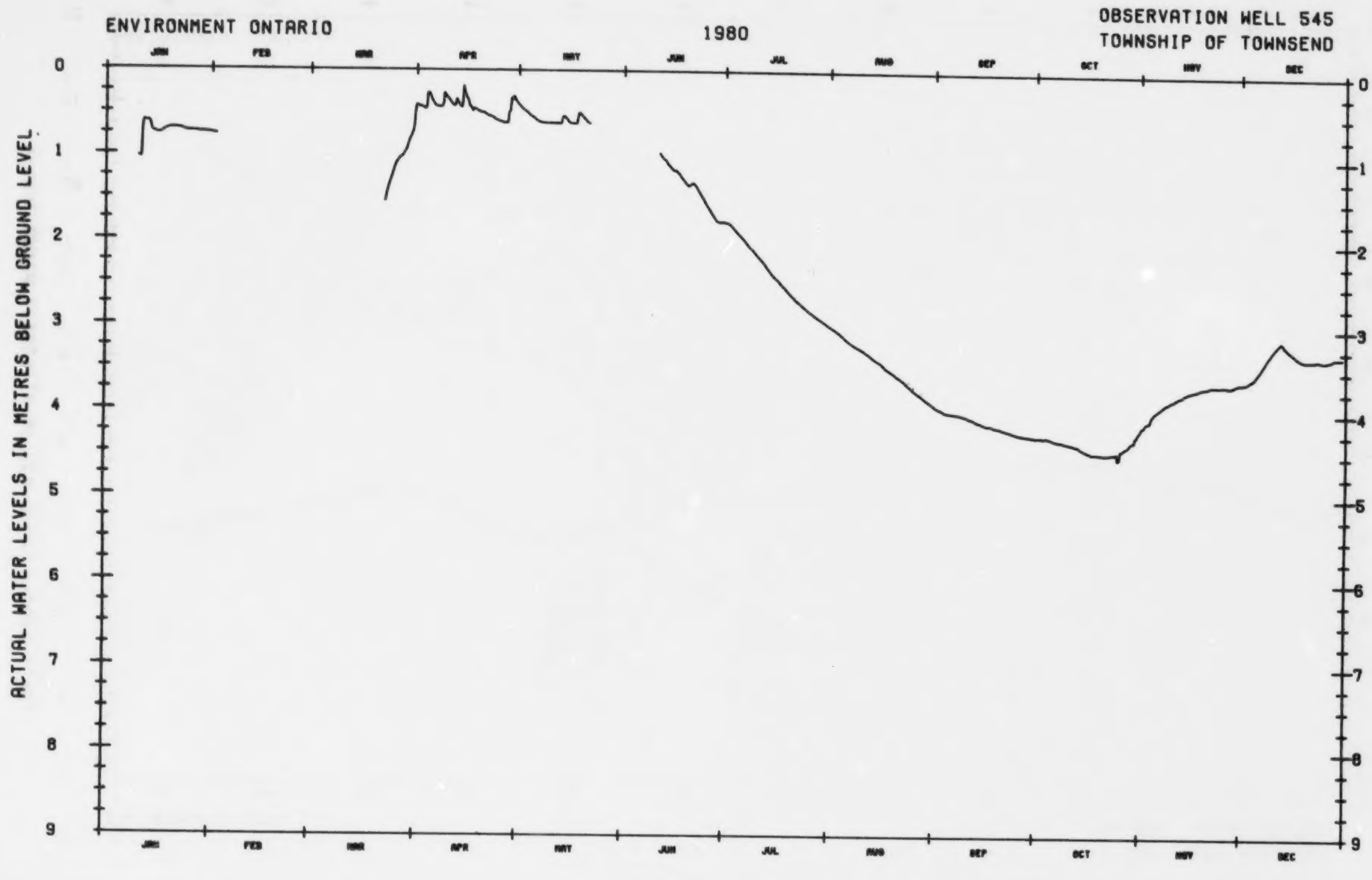
12


ENVIRONMENT ONTARIO
1980
OBSERVATION WELL 545
TOWNSHIP OF TOWNSEND
ACTUAL WATER LEVELS IN METRES BELOW GROUND LEVEL
0
1
2
3
4
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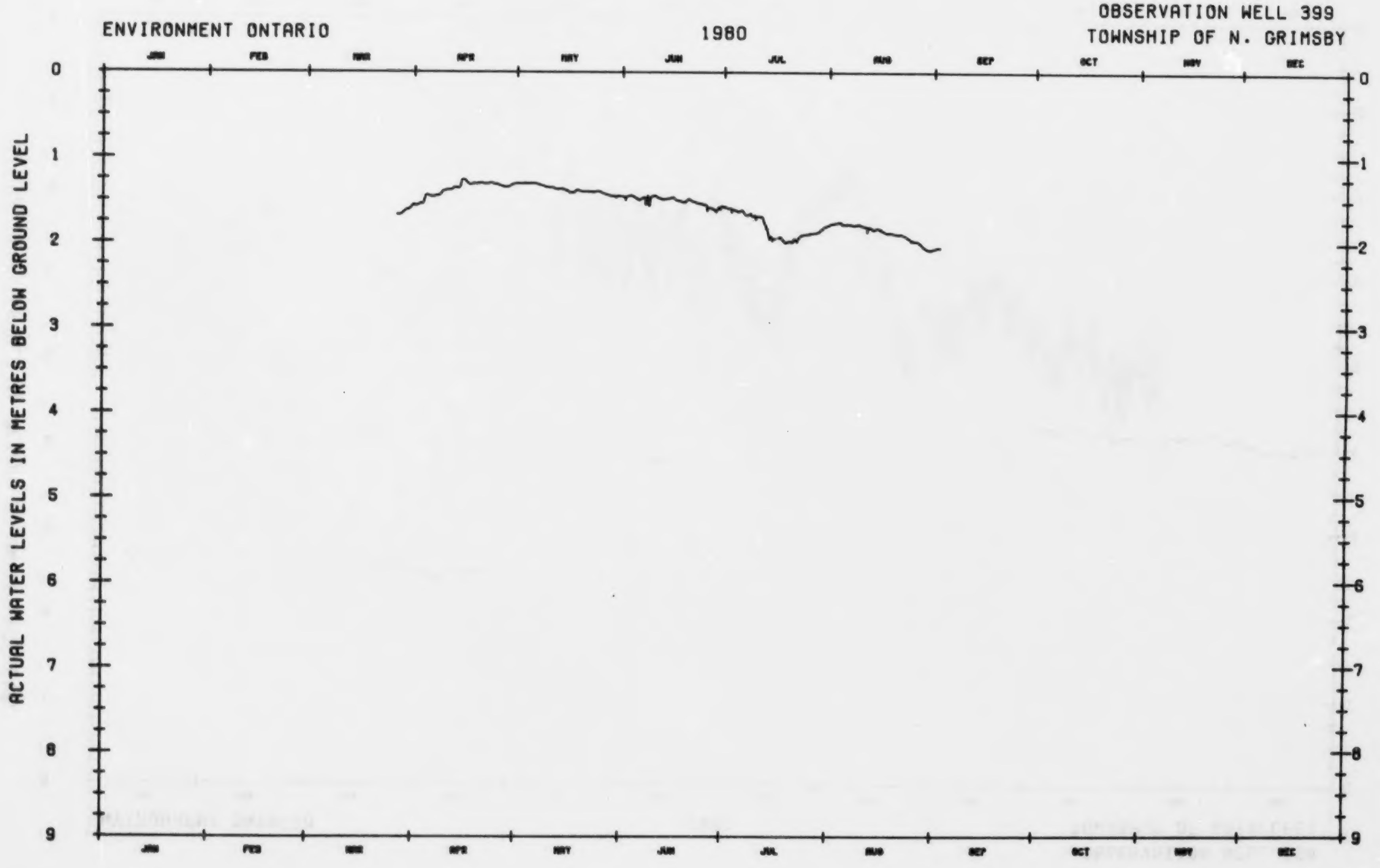
JAN
FEB
MAR
APR
MAY
JUN
JUL
AUG
SEP
OCT
NOV
DEC



ENVIRONMENT ONTARIO
1980
OBSERVATION WELL 399
TOWNSHIP OF N. GRIMSBY
ACTUAL WATER LEVELS IN METRES BELOW GROUND LEVEL
JAN
FEB
MAR
APR
MAY
JUN
JUL
AUG
SEP
OCT
NOV
DEC
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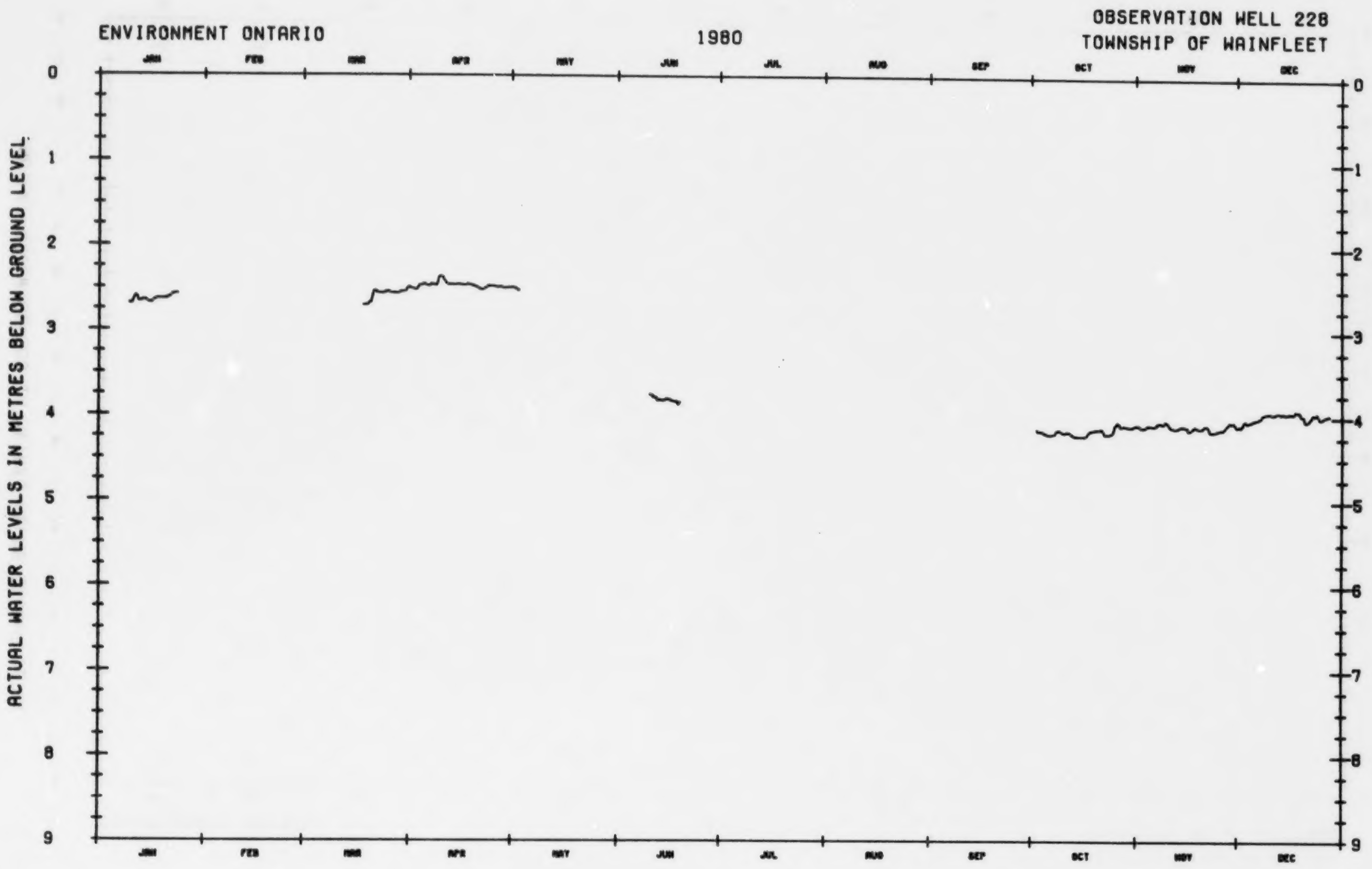
ENVIRONMENT ONTARIO
1980
OBSERVATION WELL 228
TOWNSHIP OF WAINFLEET
ACTUAL WATER LEVELS IN METRES BELOW GROUND LEVEL
0
1
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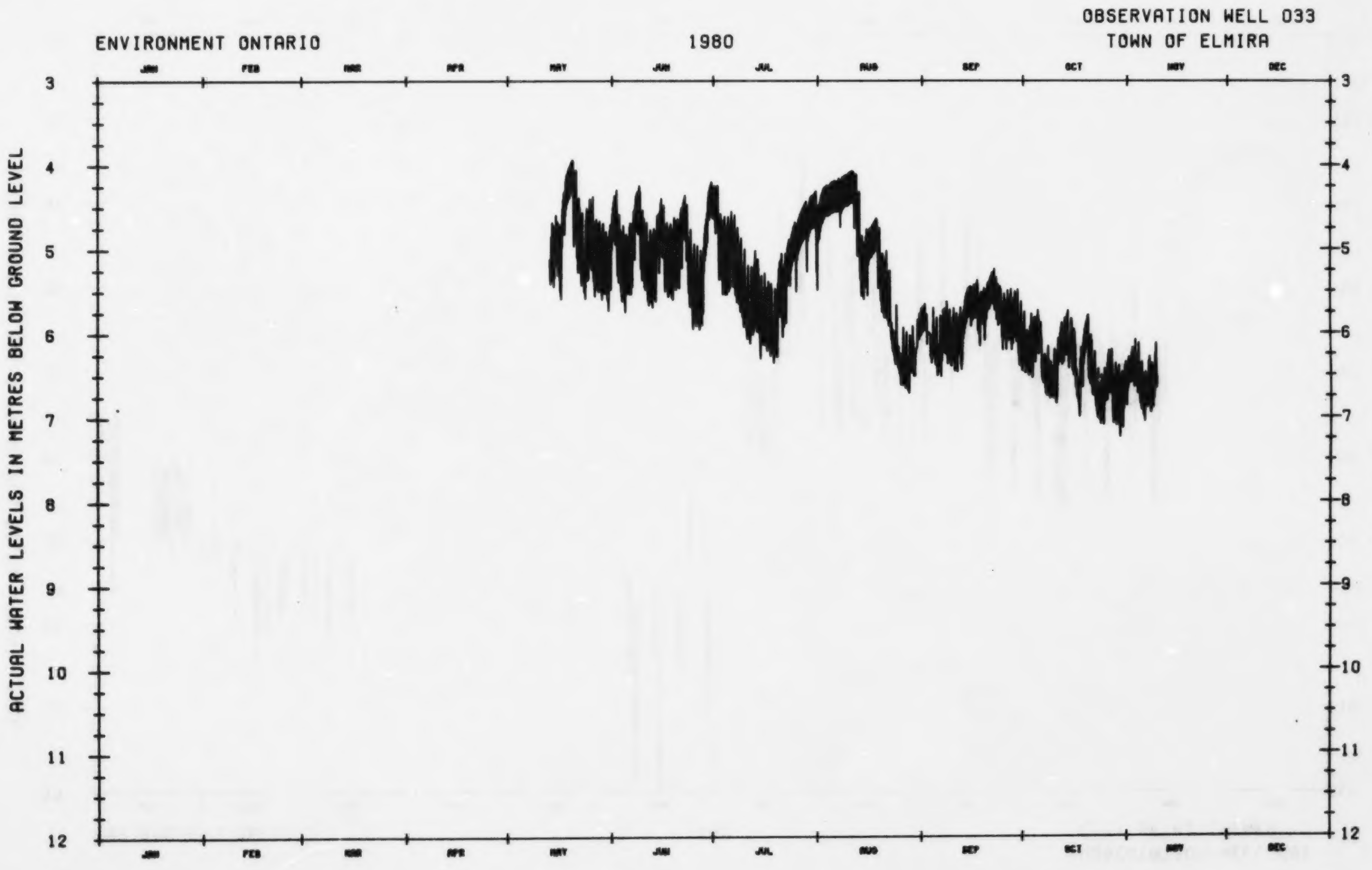
JAN
FEB
MAR
APR
MAY
JUN
JUL
AUG
SEP
OCT
NOV
DEC


OBSERVATION WELL 033
TOWN OF ELMIRA
ENVIRONMENT ONTARIO
1980
ACTUAL WATER LEVELS IN METRES BELOW GROUND LEVEL
JAN
FEB
MAR
APR
MAY
JUN
JUL
AUG
SEP
OCT
NOV
DEC
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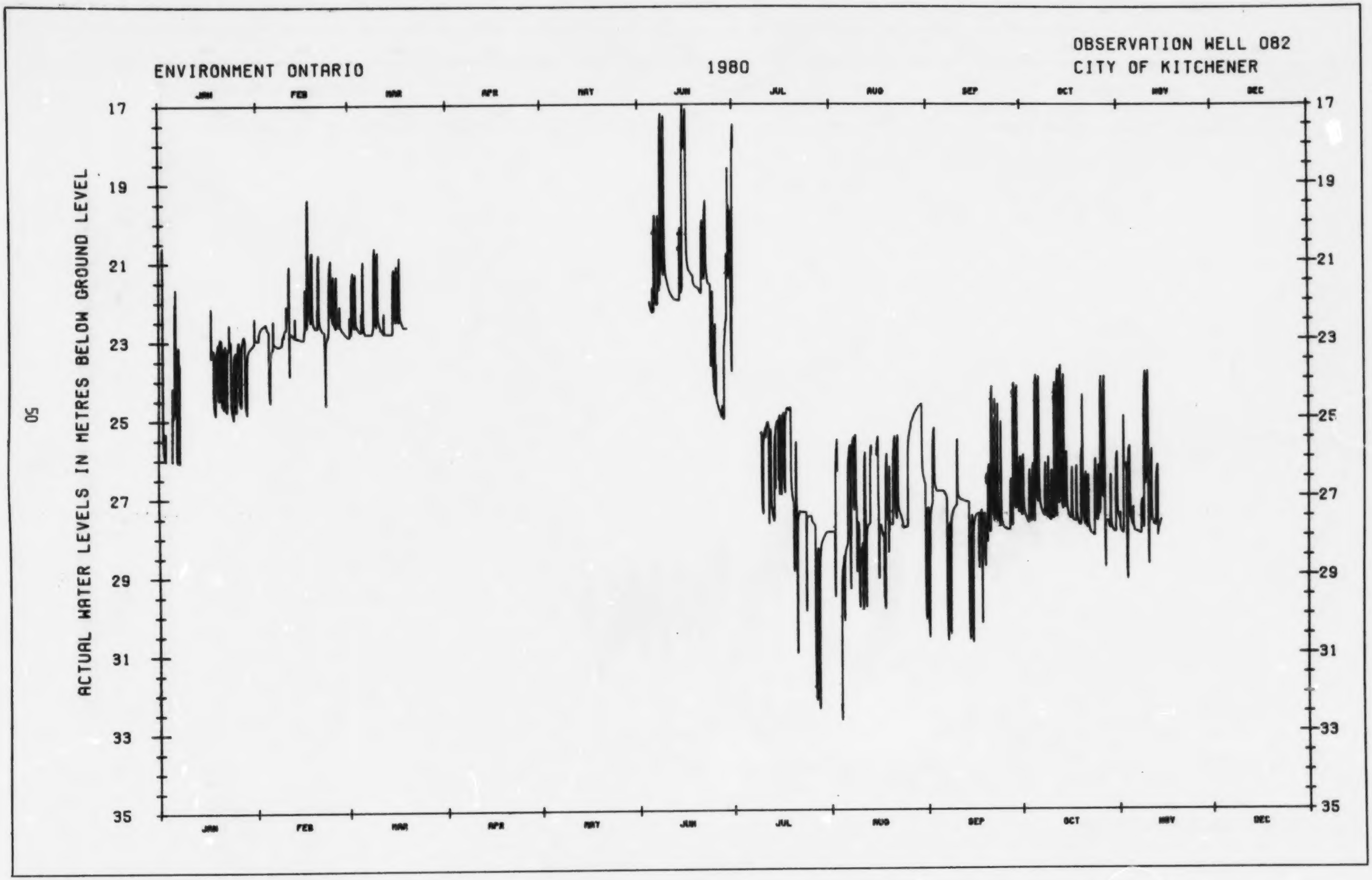
12


ENVIRONMENT ONTARIO
1980
OBSERVATION WELL 082
CITY OF KITCHENER
ACTUAL WATER LEVELS IN METRES BELOW GROUND LEVEL
17
19
21
23
25
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31
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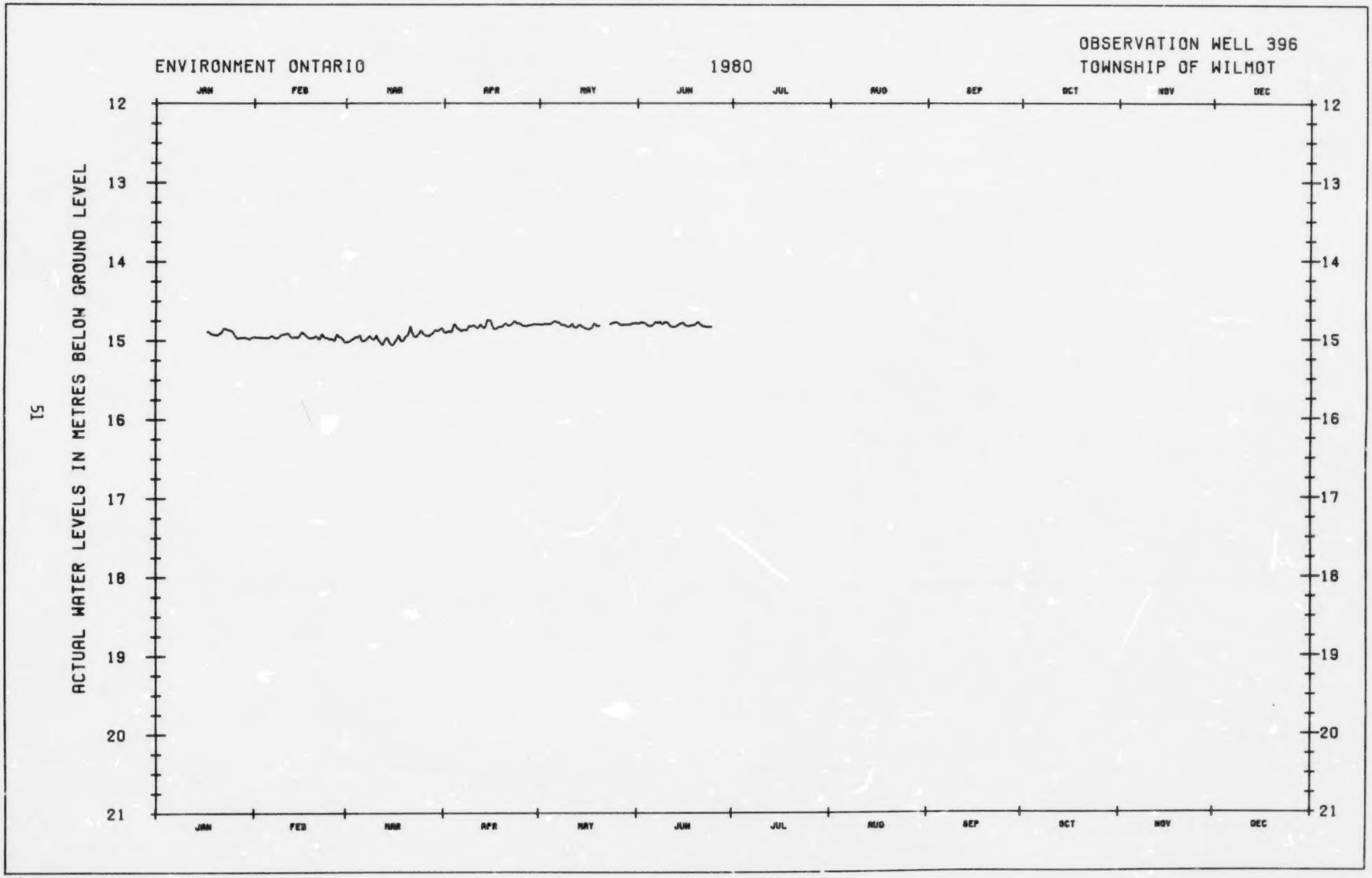
35
JAN
FEB
MAR
APR
MAY
JUN
JUL
AUG
SEP
OCT
NOV
DEC



ENVIRONMENT ONTARIO
1980
OBSERVATION WELL 396
TOWNSHIP OF WILMOT
ACTUAL WATER LEVELS IN METRES BELOW GROUND LEVEL
12
13
14
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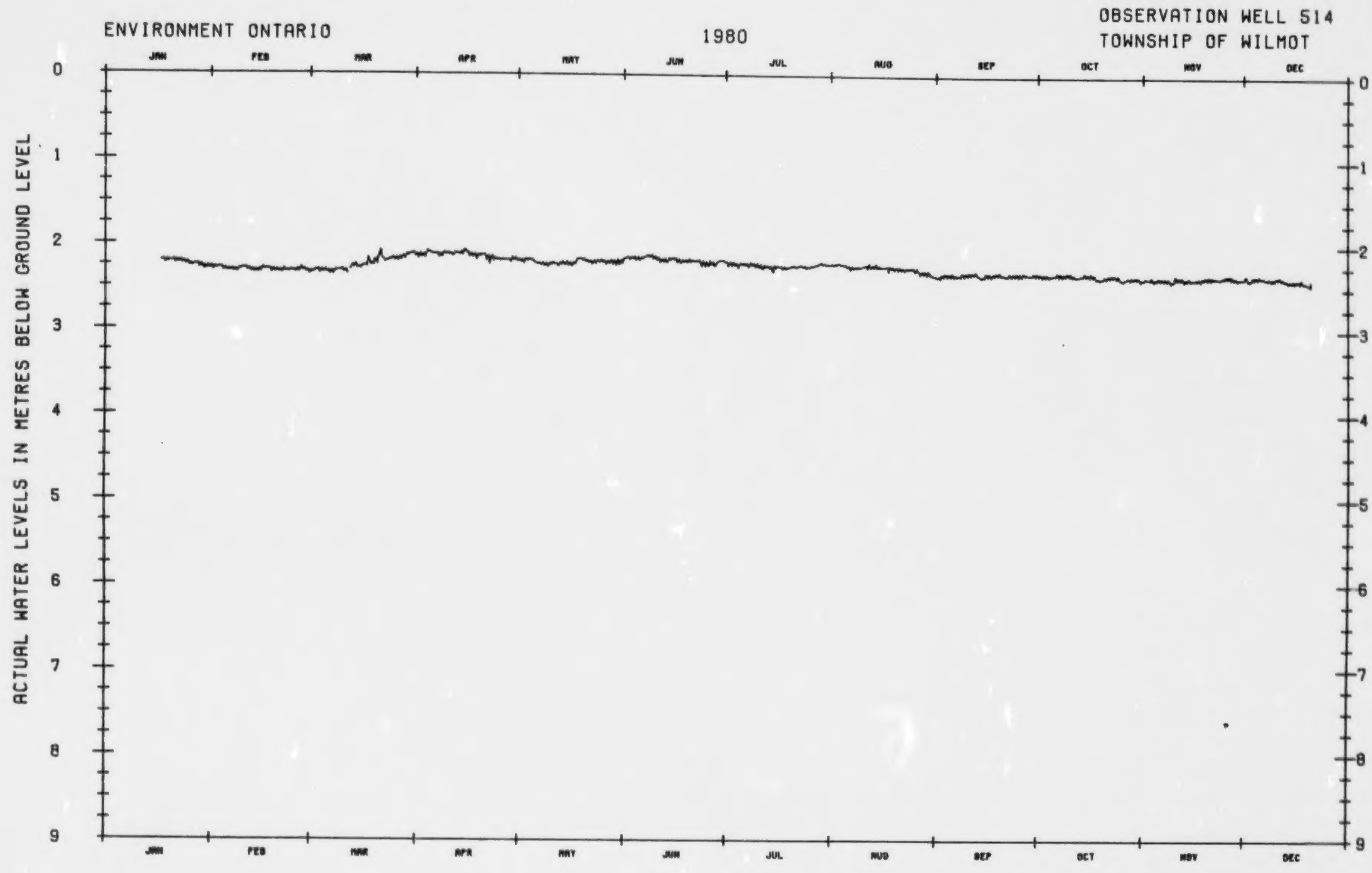
JAN
FEB
MAR
APR
MAY
JUN
JUL
AUG
SEP
OCT
NOV
DEC


ENVIRONMENT ONTARIO
1980
OBSERVATION WELL 514
TOWNSHIP OF WILMOT
ACTUAL WATER LEVELS IN METRES BELOW GROUND LEVEL
0
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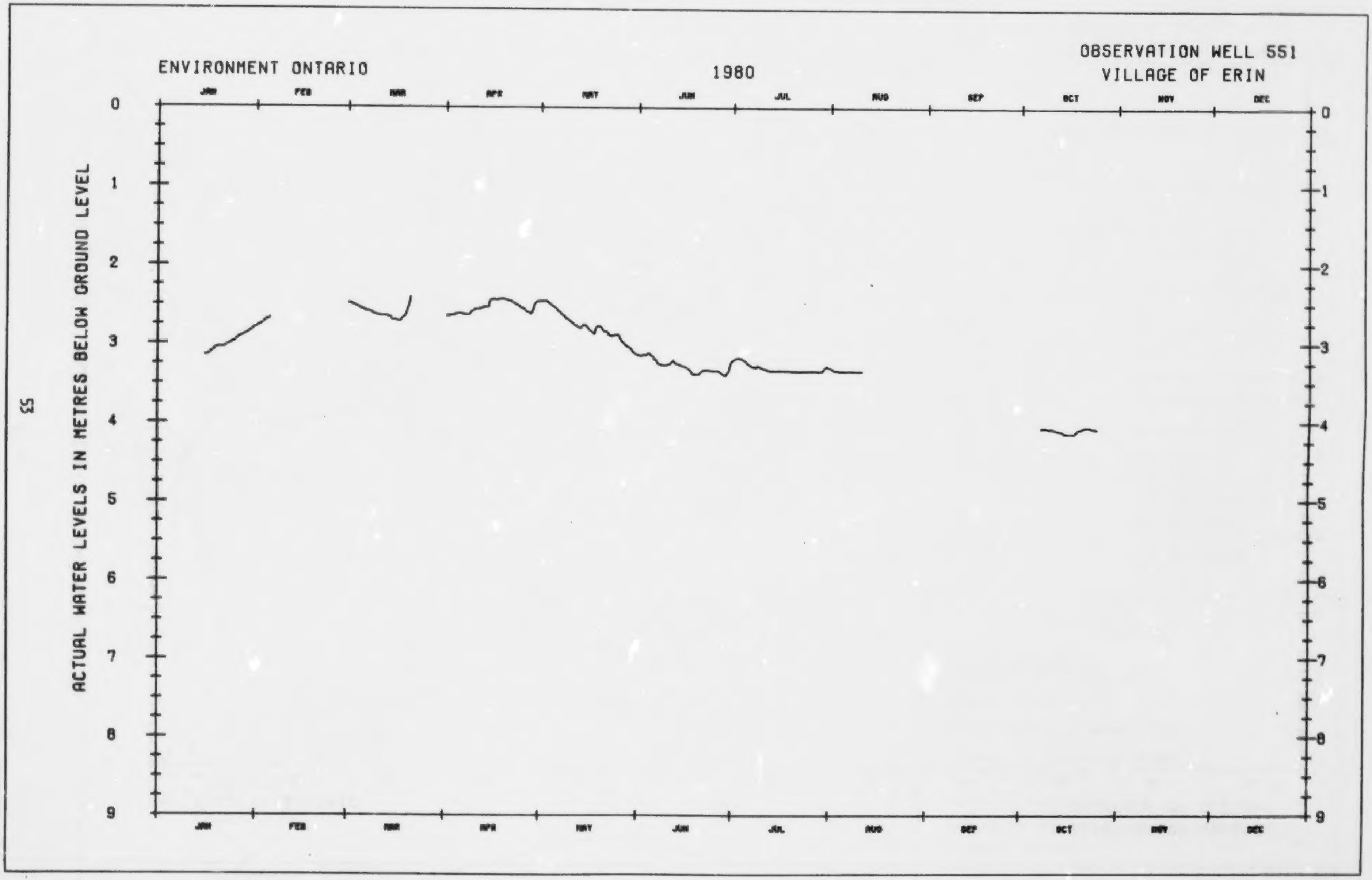
JAN
FEB
MAR
APR
MAY
JUN
JUL
AUG
SEP
OCT
NOV
DEC


ENVIRONMENT ONTARIO
1980
OBSERVATION WELL 551
VILLAGE OF ERIN
JAN
FEB
MAR
APR
MAY
JUN
JUL
AUG
SEP
OCT
NOV
DEC
ACTUAL WATER LEVELS IN METRES BELOW GROUND LEVEL
0
1
2
3
4
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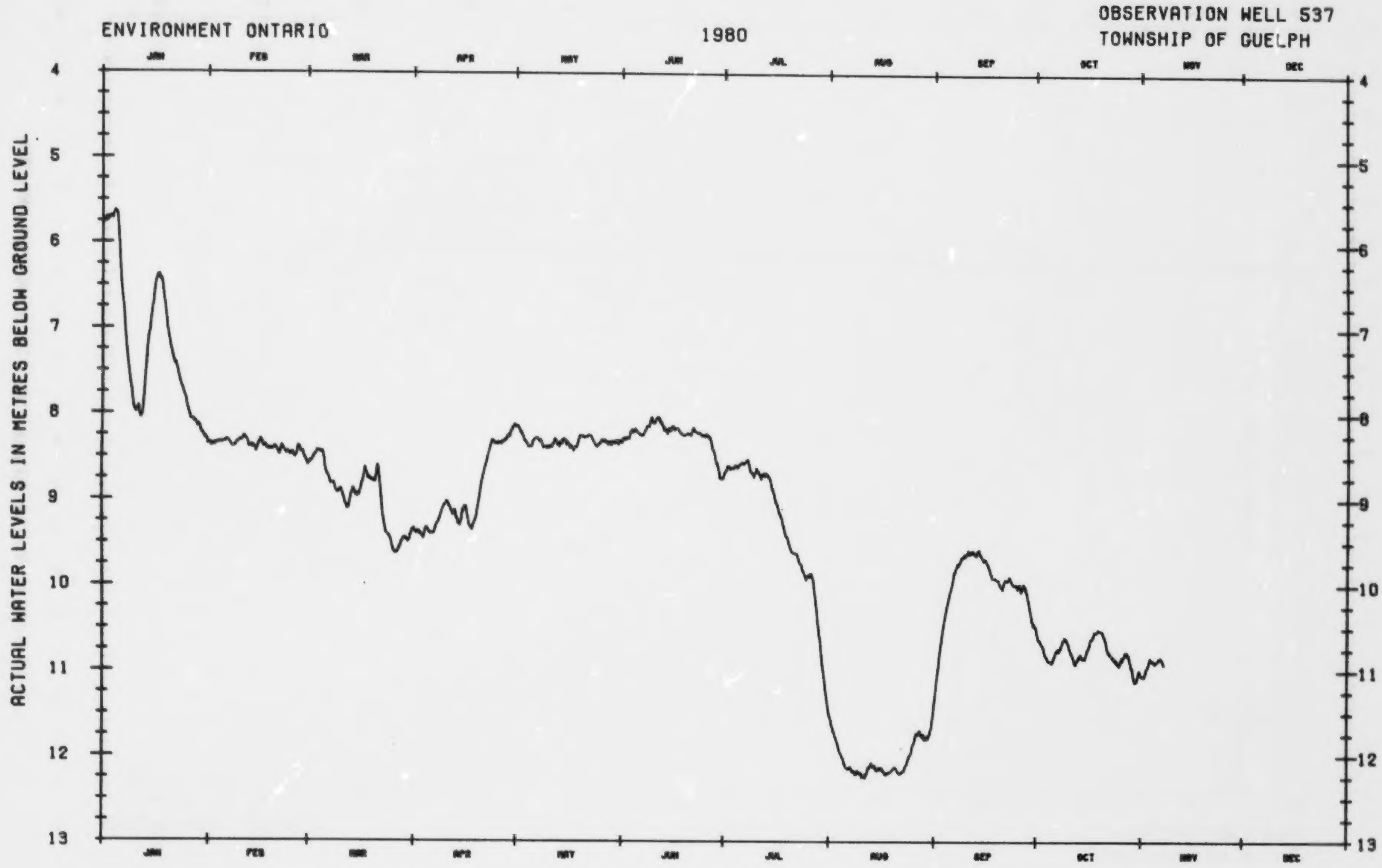
ENVIRONMENT ONTARIO
1980
OBSERVATION WELL 537
TOWNSHIP OF GUELPH
ACTUAL WATER LEVELS IN METRES BELOW GROUND LEVEL
4
5
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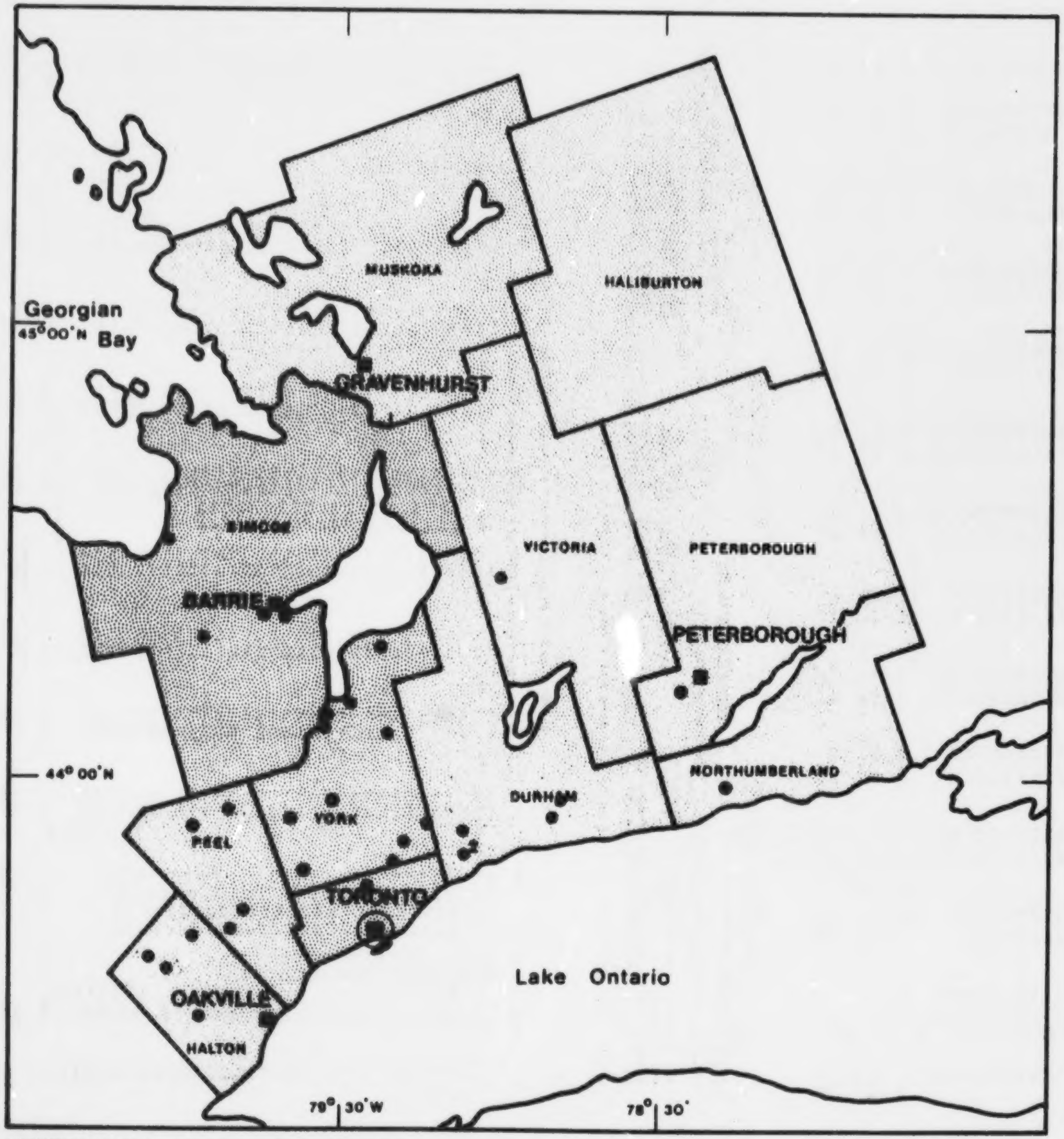

OBSERVATION WELL DISTRIBUTION

Central Region

3

Ministry of the Environment
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OBSERVATION WELL DATA

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LEGEND

- Regional Office
- District Office
- Recording Observation Well
- Number of Recording Wells in same location
- Manually Measured Well
- Number of Manually Measured Wells in same location

ENVIRONMENT ONTARIO
TORONTO
REGIONAL MUNICIPALITY OF DURHAM TOWNSHIP OF CLARKE CONC. 10 LOT 28

OBSERVATION WELL 528

WELL REC #: 1902683
UTM CO-ORD: Z-17 E687080 N4881670
LAT & LONG: 43-55NORTH 78-37-EST

REC METHOD: A35 RECORDER
REC COMM: FEB. 27 1968
MEASURE PT: 0,8 METRES ABOVE GROUND SURFACE
GND ELEV: 304 METRES ABOVE SEA LEVEL
WELL TYPE: DRILLED
WELL LOG: DIRTY SAND, GRAVEL AND BOULDERS 6,1; SAND AND GRAVEL 58,6; GREY SILTY TILL 60,7; SAND AND GRAVEL WITH SOME SILT LENSES 88,5; SILTY SANDY TILL 102,2; FINE TO MEDIUM SAND WITH SILTY LENSES AT ONE HUNDRED TEN METRES 113,3; SILTY SANDY TILL 116,8; SAND AND GRAVEL 119,3; SILTY CLAY 122,3; SILTY SAND AND GRAVEL 122,9.

DIAMETER OF WELL: 15 CM
LENGTH OF CASING: 116,6 METRES
LENGTH OF SCREEN: 1,2 METRES
DEPTH OF WELL: 117,7 METRES

PUMP RATE: 0,8 L/S
SPEC. CAP: N.A.
AQUIFER : SAND AND GRAVEL
QUALITY : FRESH

1988
DAILY MEAN WATER LEVELS IN METRES BELOW GROUND SURFACE

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	53,71	53,76	54,01	54,10	54,79	53,52	54,67	54,64	54,59	54,57	54,41	54,57	1
2	53,71	53,76	53,97	54,13	54,73	53,76	54,67	54,64	54,64	54,56	53,70	53,77	2
3	53,73	53,76	53,95	53,94	53,91	54,46	54,67	54,63	54,67	54,59	53,56	53,60	3
4	53,73	53,77	53,94	53,79	53,58	54,38	54,67	54,66	54,68	54,59	53,47	53,56	4
5	53,71	53,78	53,94	53,81	53,67	53,81	54,65	54,67	54,66	54,64	54,14	53,53	5
6	53,71	53,78	53,99	53,83	54,44	54,38	54,67	54,67	54,66	54,64	54,51	53,50	6
7	53,66	53,79	53,99	53,79	54,66	54,59	54,68	54,68	54,67	54,61	54,58	53,46	7
8	53,72	53,87	53,96	54,03	54,73	54,63	54,65	54,65	54,67	54,58	54,65	53,43	8
9	53,74	54,67	53,96	53,89	54,53	54,65	54,66	54,65	54,65	54,62	54,63	53,44	9
10	53,74	54,97	53,96	53,72	53,75	53,96	54,66	54,66	54,66	54,62	54,60	53,44	10
11	53,64	55,05	53,97	53,69	53,51	53,75	54,65	54,65	54,66	54,57	53,70	53,50	11
12	53,71	55,11	54,05	53,64	53,74	54,44	54,66	54,64	54,68	54,61	53,58	53,45	12
13	53,74	55,17	54,02	53,62	54,46	54,58	54,67	54,66	54,68	54,64	53,60	53,44	13
14	53,86	55,10	53,90	53,56	54,60	54,60	54,60	54,66	54,65	54,65	54,34	53,45	14
15	54,00	55,18	54,05	53,88	53,87	54,63	54,65	54,65	54,65	54,65	54,50	53,49	15
16	53,95	55,14	54,05	54,65	53,59	54,68	54,66	54,22	53,66	54,65	54,65	53,50	16
17	53,70	55,18	53,99	54,82	53,48	54,69	54,65	53,60	53,43	54,63	54,66	53,46	17
18	53,73	55,21	54,02	54,53	53,40	54,68	54,68	53,73	53,49	54,50	54,64	53,43	18
19	53,73	55,21	54,07	53,79	53,41	54,67	54,68	54,41	53,52	54,61	54,67	53,48	19
20	53,73	55,21	54,04	53,59	53,74	54,64	54,45	54,56	53,84	54,62	54,68	53,51	20
21	53,72	55,23	53,96	53,55	54,45	54,69	54,02	54,62	53,47	54,63	54,65	53,50	21
22	53,67	55,21	54,04	53,76	54,63	54,70	54,50	54,64	53,41	54,67	54,70	53,47	22
23		55,23	54,09	54,50	54,60	54,69	54,61	54,66	54,08	54,70	54,69	53,43	23
24	53,68	55,24	54,05	54,71	54,68	54,69	54,65	54,67	54,66	54,65	54,67	53,43	24
25	53,70	55,01	54,04	54,76	54,69	54,68	54,65	54,66	54,52	54,58	54,69	53,48	25
26	53,74	54,25	54,09	54,79	54,72	54,62	54,65	54,66	54,55	54,58	54,72	53,47	26
27	53,76	54,00	54,07	54,79	54,72	54,57	54,65	54,65	54,60	54,59	54,69	53,49	27
28	53,74	53,99	54,14	54,79	54,72	54,64	54,65	54,67	54,60	53,84	54,62	53,47	28
29	53,75	54,00	54,09	54,78	54,72	54,64	54,63	54,66	54,60	54,20	54,62	53,45	29
30	53,77		53,99	54,78	54,65	54,64	54,66	54,60	54,58	54,10	54,69	53,45	30
31	53,75		53,95		53,84		54,66	54,60		54,22		53,45	31

-MONTHLY SUMMARY-

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
MEAN		54,61	54,01	54,14	54,23	54,47	54,62	54,56	54,35	54,55	54,40	53,52	MEAN
INST MAX		53,75 (1)	53,93 (5)	53,49 (14)	53,39 (18)	53,43 (2)	53,71 (21)	53,43 (18)	53,35 (22)	53,66 (28)	53,46 (4)	53,40 (8)	INST MAX
INST MIN		55,26 (25)	54,33 (28)	54,83 (17)	54,80 (2)	54,70 (21)	54,69 (18)	54,68 (28)	54,69 (13)	54,70 (23)	54,72 (26)	54,70 (1)	INST MIN

ENVIRONMENT ONTARIO
TORONTO
REGIONAL MUNICIPALITY OF DURHAM TOWNSHIP OF DARLINGTON CONC. 7 LOT 21

OBSERVATION WELL 509

WELL REC #: 1901733
UTM CO-ORD: Z-17 E678301 N4874336
LAT & LONG: 44-01NORTH 78-47-EST

REC METHOD: A35 RECORDER
REC COMM: AUG. 11 1966
MEASURE PT: 0,90 METRES ABOVE GROUND SURFACE
GND ELEV: 198 METRES ABOVE SEA LEVEL
WELL TYPE: DRILLED
WELL LOG: SANDY TILL (LEACHED ZONE) 4,3; SAND AND GRAVEL 4,6; SILTY TILL 11,6.

DIAMETER OF WELL: 15 CM
LENGTH OF CASING: 4,6 METRES
LENGTH OF SCREEN: 1,5 METRES
DEPTH OF WELL: 6,1 METRES

PUMP RATE: N.A.
SPEC. CAP: N.A.
AQUIFER : SILTY TILL
QUALITY : FRESH

1988
DAILY MEAN WATER LEVELS IN METRES BELOW GROUND SURFACE

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1,84	2,28					2,00						1
2	1,84	2,28					1,99						2
3		2,30					2,02						3
4		2,30					2,05						4
5		2,30					2,07						5
6		2,30					2,09						6
7		2,30					2,12						7
8		2,30					2,13						8
9		2,30					2,14						9
10		2,30					2,16						10
11		2,30					2,16						11
12		2,30					2,17						12
13		2,29					2,18						13
14		2,29					2,20						14
15		2,29					2,21						15
16		2,29					2,21						16
17		2,28					2,21						17
18		2,26					2,21						18
19		2,26					2,22						19
20		2,26					2,22						20
21		2,26											21
22		2,27											22
23		2,27											23
24	2,21	2,19											24
25	2,23	2,10											25
26	2,24	2,05											26
27	2,25		1,91										27
28	2,25		1,93										28
29	2,25		1,95										29
30	2,26		1,97										30
31	2,27		1,99										31

-MONTHLY SUMMARY-

MEAN		MEAN
INST MAX		INST MAX
INST MIN		INST MIN

ENVIRONMENT ONTARIO
TORONTO
REGIONAL MUNICIPALITY OF DURHAM — TOWNSHIP OF PICKERING — CONC. 8 — LOT 28

OBSERVATION WELL 405

WELL REC #: 4605910
UTM CO-ORD: Z-17 E651600 N4866396
LAT & LONG: 43-55NORTH 79-06WEST

REC METHOD: A35 RECORDER
REC COMMCD: MAY 16 1974
MEASURE PT: 1.1 METRES ABOVE GROUND SURFACE
GND ELEV: 202 METRES ABOVE SEA LEVEL
WELL TYPE: DRILLED
WELL LOG: BROWN SANDY CLAY, GRAVEL 10.7; SAND, FINE GRAVEL, SILTY CLAY 12.2; GREY FINE SAND, SILT 20.4; GRAVEL, SAND, BOULDERS 25; GREY CLAY, SAND 29.6.

DIAMETER OF WELL: 15 CM
LENGTH OF CASING: 25.5 METRES
LENGTH OF SCREEN: 8.0 METRES
DEPTH OF WELL: 26.6 METRES

PUMP RATE: 1 L/S
SPEC. CAP: 0.01 L/S/M
AQUIFER: SAND AND GRAVEL
QUALITY: FRESH

1986
DAILY MEAN WATER LEVELS IN METRES BELOW GROUND SURFACE

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	9.13	8.79	9.35	9.39	8.73	8.84	9.14						1
2	9.11	8.80	9.33	9.39	8.72	8.85	9.15						2
3	9.14	8.81	9.28	9.37	8.68	8.85	9.15						3
4	9.16	8.81	9.25	9.22	8.65	8.92	9.15						4
5	9.10	8.82	9.25	9.24	8.59	8.96	9.13						5
6	9.08	8.85	9.34	9.33	8.58	8.93	9.15						6
7	8.94	8.86	9.39	9.33	8.61	8.89	9.18						7
8	9.05	8.88	9.36	9.29	8.65	8.86	9.15						8
9	9.13	8.91	9.35	9.21	8.68	8.91	9.17						9
10	9.16	8.87	9.35	9.18	8.70	8.92	9.18						10
11	8.99	8.85	9.36	9.18	8.67	9.01	9.17						11
12	9.00	8.86	9.47	9.13	8.70	9.06	9.19						12
13	9.12	8.95	9.46	9.08	8.71	9.04	9.22						13
14	9.03	8.99	9.37	9.02	8.72	8.98	9.23				9.74		14
15	9.08	9.00	9.47	8.83	8.79	8.95	9.22				9.74		15
16	9.08	8.97	9.50	8.87	8.83	9.00	9.21				9.71		16
17	8.99	8.95	9.39	8.95	8.83	9.03	9.21				9.72		17
18	8.96	9.02	9.40	8.88	8.73	9.03					9.74		18
19	8.98	9.07	9.50	8.81	8.72	9.02					9.74		19
20	9.00	9.04	9.46	8.73	8.76	8.99					9.73		20
21	8.97	9.07	9.34	8.72	8.76	9.06					9.61		21
22		9.12	9.42	8.71	8.76	9.08					9.73		22
23	8.55	9.09	9.54	8.65	8.76	9.09					9.76		23
24	8.50	9.14	9.48	8.66	8.75	9.09					9.77		24
25	8.57	9.16	9.43	8.68	8.74	9.09					9.65		25
26	8.62	9.21	9.49	8.74	8.80	9.09					9.58		26
27	8.73	9.18	9.51	8.75	8.83	9.10					9.61		27
28	8.76	9.17	9.46	8.74	8.84	9.12					9.53		28
29	8.75	9.27	9.39	8.72	8.84	9.09							29
30	8.76		9.38	8.72	8.84	9.08							30
31	8.80		9.36		8.82								31
-MONTHLY SUMMARY-													
MEAN		8.98	9.40	8.98	8.74	9.00							MEAN
INST MAX		8.79 (1)	9.25 (5)	8.64 (23)	8.57 (6)	8.82 (1)							INST MAX
INST MIN		9.33 (29)	9.54 (23)	9.40 (2)	8.84 (28)	9.12 (28)							INST MIN

ENVIRONMENT ONTARIO
TORONTO
REGIONAL MUNICIPALITY OF DURHAM — TOWN OF PICKERING — CONC. 8 — LOT 24

OBSERVATION WELL 406

WELL REC #: 4605033
UTM CO-ORD: Z-17 E646842 N4868419
LAT & LONG: 43-57NORTH 79-09WEST

REC METHOD: A35 RECORDER
REC COMMCD: MAY 24 1974
MEASURE PT: 1.1 METRES ABOVE GROUND SURFACE
GND ELEV: 242 METRES ABOVE SEA LEVEL
WELL TYPE: DRILLED
WELL LOG: HARD BROWN CLAY AND GRAVEL 3.1; HARD GREY CLAY AND GRAVEL 9.2; GREY FINE SAND 11.9; HARD PACKED GREY CLAY AND GRAVEL 13.2; PACKED GREY FINE SAND AND FINE GRAVEL 14; HARD PACKED GREY CLAY AND GRAVEL 15.6.

DIAMETER OF WELL: 18 CM
LENGTH OF CASING: 11 METRES
LENGTH OF SCREEN: 0.9 METRES
DEPTH OF WELL: 11.9 METRES

PUMP RATE: 0.5 L/S
SPEC. CAP: 0.007 L/S/M
AQUIFER: FINE SAND
QUALITY: FRESH

1986
DAILY MEAN WATER LEVELS IN METRES BELOW GROUND SURFACE

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.09		0.94	0.51	0.07	0.56	0.68	0.43	0.68	0.59	0.28	0.18	1
2	0.09		0.95	0.49	0.07	0.57	0.63	0.41	0.71	0.60	0.32	0.16	2
3	0.09		0.93	0.44	0.07	0.56	0.63	0.36	0.74	0.60	0.33	0.14	3
4	0.08		0.91	0.36 E	0.09	0.58	0.64	0.36	0.78	0.63	0.29	0.14	4
5	0.09		0.91	0.32 E	0.11	0.60	0.64	0.38	0.81	0.63	0.28	0.14	5
6	0.10		0.94	0.33 E	0.15	0.59	0.66	0.40	0.81	0.63	0.29	0.14	6
7	0.14		0.97	0.32 E	0.19	0.58	0.70	0.43	0.80	0.67	0.26	0.14	7
8	0.15		0.97	0.30 E	0.24	0.56	0.70	0.44	0.78	0.71	0.25	0.17	8
9	0.15		0.96	0.25 E	0.27	0.57	0.72	0.47	0.76	0.71	0.23	0.20	9
10	0.15		0.96	0.22 E	0.30	0.57	0.73	0.49	0.75	0.69	0.22	0.21	10
11	0.26		0.95	0.22 E	0.31	0.62	0.74	0.52	0.74	0.70	0.25	0.22	11
12	0.36		0.99	0.19 E	0.36	0.65	0.76	0.54	0.71	0.70	0.27	0.22	12
13	0.38		1.00	0.16 E	0.35	0.65	0.79	0.58	0.69	0.68	0.27	0.23	13
14	0.35		0.96	0.14 E	0.34	0.65	0.81	0.59	0.67	0.68	0.24	0.23	14
15	0.38		1.00	0.10 E	0.35	0.65	0.81	0.61	0.67	0.68	0.23	0.23	15
16	0.36		1.03	0.09 E	0.39	0.66	0.80	0.64	0.66	0.68	0.23	0.23	16
17	0.38		0.99	0.11 E	0.41	0.68	0.80	0.67	0.66	0.66	0.25	0.24	17
18	0.33		0.96	0.11 E	0.33	0.69	0.86	0.69	0.62	0.56	0.25	0.23	18
19	0.33		0.99	0.11 E	0.31	0.69	0.87	0.68	0.60	0.52	0.27	0.21	19
20	0.31		0.97	0.11 E	0.31	0.61	0.86	0.66	0.59	0.50	0.29		20
21	0.31	0.82	0.88	0.12 E	0.33	0.63	0.84	0.65	0.60	0.50	0.29		21
22		0.84	0.88	0.14 E	0.35	0.63	0.82	0.63	0.59	0.50	0.29		22
23		0.84	0.86	0.15 E	0.37	0.63	0.81	0.59	0.60	0.53	0.28		23
24		0.88	0.84	0.18	0.40	0.63	0.81	0.57	0.57	0.52	0.25		24
25		0.86	0.81	0.19	0.42	0.64	0.81	0.57	0.57	0.43	0.23		25
26		0.88	0.81	0.22	0.47	0.66	0.81	0.56	0.60	0.33	0.24		26
27		0.85	0.81	0.25	0.50	0.66	0.81	0.56	0.59	0.33	0.24		27
28		0.86	0.78	0.28	0.50	0.66	0.80	0.53	0.58	0.32	0.26		28
29		0.91	0.67	0.13	0.56	0.64	0.66	0.51	0.58	0.31	0.17		29
30			0.62	0.09	0.56	0.61	0.63	0.53	0.58	0.31	0.17		30
31			0.54		0.56		0.49	0.57		0.29			31
-MONTHLY SUMMARY-													
MEAN	0.26	0.86	0.89	0.22	0.32	0.68	0.74	0.54	0.67	0.55	0.26		MEAN
INST MAX	0.08 (1)	0.42 (19)	0.51 (31)	0.08 (30)	0.07 (2)	0.55 (1)	0.45 (31)	0.36 (2)	0.57 (25)	0.28 (31)	0.17 (29)		INST MAX
INST MIN	0.43 (28)	0.93 (29)	1.04 (16)	0.51 (1)	0.55 (31)	0.70 (19)	0.88 (20)	0.69 (18)	0.81 (5)	0.72 (8)	0.33 (2)		INST MIN

ENVIRONMENT ONTARIO
TORONTO
REGIONAL MUNICIPALITY OF DURHAM — TOWNSHIP OF PICKERING — CONC. 5 — LOT 21

OBSERVATION WELL 512

WELL REC #: 4606003
UTM CO-ORD: Z-17 E651820 N4862274
LAT & LONG: 43-48NORTH 79-07WEST

REC METHOD: A35 RECORDER
REC COMMENCED: OCT 28 1974
MEASURE PT: 1.1 METRES ABOVE GROUND SURFACE
GND ELEV: 183 METRES ABOVE SEA LEVEL
WELL TYPE: DRILLED
WELL LOG: BROWN SILTY SAND, TILL 3.7; GREY SILT SAND, TILL 16; GREY STONEY SAND, TILL 30.5; GREY FINE SAND 39; GREY SILT, TILL 46.4; GREY FINE TO MEDIUM SAND, STONES 78.1; GREY CLAY AND SHALE FRAGMENTS, TILL 81.3; LAYERED LIMESTONE AND SHALE 82.7.

DIAMETER OF WELL: 13 CM
LENGTH OF CASING: 49.7 METRES
LENGTH OF SCREEN: 2.7 METRES
DEPTH OF WELL: 52.4 METRES

PUMP RATE: 1.0 L/S
SPEC. CAP: 0.15 L/S/M
AQUIFER: FINE SAND
QUALITY: FRESH

1980
DAILY MEAN WATER LEVELS IN METRES BELOW GROUND SURFACE

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1				7.89	7.68	7.65	7.66	7.72	7.80	7.84	7.84	7.79	1
2				7.89	7.69	7.64	7.67	7.71	7.79	7.82	7.85	7.78	2
3				7.88	7.68	7.63	7.67	7.71	7.79	7.82	7.86	7.79	3
4				7.88	7.68	7.63	7.68	7.71	7.80	7.80	7.84	7.83	4
5				7.83	7.66	7.64	7.68	7.71	7.80	7.81	7.84	7.84	5
6				7.83	7.64	7.65	7.69	7.72	7.79	7.83	7.83	7.85	6
7				7.83	7.63	7.64	7.71	7.73	7.79	7.84	7.80	7.85	7
8				7.83	7.63	7.63	7.71	7.73	7.80	7.83	7.80	7.82	8
9				7.82	7.63	7.63	7.71	7.73	7.81	7.82	7.80	7.80	9
10				7.80	7.63	7.62	7.71	7.72	7.81	7.83	7.80	7.80	10
11				7.80	7.63	7.64	7.71	7.72	7.80	7.82	7.83	7.79	11
12			7.89	7.80	7.63	7.67	7.71	7.73	7.81	7.81	7.85	7.79	12
13			7.92	7.79	7.63	7.67	7.71	7.73	7.81	7.82	7.86	7.76	13
14			7.91	7.77	7.63	7.67	7.72	7.73	7.81	7.84	7.86	7.76	14
15			7.92	7.74	7.64	7.67	7.72	7.74	7.81	7.85	7.86		15
16			7.94	7.74	7.66	7.67	7.72	7.74	7.81	7.86	7.88		16
17			7.93	7.76	7.68	7.67	7.72	7.77	7.80	7.86	7.88		17
18			7.92	7.76	7.67	7.67	7.72	7.78	7.80	7.84	7.87		18
19			7.93	7.76	7.66	7.67	7.73	7.78	7.82	7.83	7.87		19
20			7.93	7.76	7.66	7.65	7.73	7.78	7.82	7.84	7.87		20
21			7.89	7.76	7.66	7.65	7.73	7.78	7.82	7.83	7.87		21
22			7.88	7.74	7.66	7.66	7.73	7.78	7.81	7.84	7.86		22
23			7.89	7.72	7.66	7.67	7.73	7.79	7.80	7.88	7.86		23
24			7.89	7.70	7.66	7.68	7.73	7.80	7.82	7.89	7.86		24
25			7.88	7.70	7.65	7.69	7.73	7.82	7.82	7.86	7.86		25
26			7.88	7.71	7.65	7.68	7.74	7.82	7.82	7.82	7.87		26
27			7.91	7.70	7.65	7.68	7.75	7.82	7.83	7.82	7.87		27
28			7.92	7.69	7.66	7.68	7.75	7.82	7.84	7.82	7.83		28
29			7.92	7.69	7.66	7.67	7.73	7.82	7.85	7.84	7.79		29
30			7.91	7.68	7.66	7.66	7.72	7.82	7.85	7.86	7.78		30
31			7.89		7.66		7.71	7.81		7.86			31
-MONTHLY SUMMARY-													
MEAN				7.77	7.65	7.66	7.71	7.76	7.81	7.84	7.84		MEAN
INST MAX				7.68 (30)	7.63 (12)	7.62 (10)	7.66 (1)	7.71 (2)	7.79 (2)	7.80 (4)	7.78 (30)		INST MAX
INST MIN				7.89 (1)	7.69 (1)	7.69 (25)	7.76 (26)	7.82 (30)	7.86 (29)	7.89 (23)	7.88 (17)		INST MIN

ENVIRONMENT ONTARIO
TORONTO
REGIONAL MUNICIPALITY OF HALTON — CITY OF BURLINGTON — CONC. 3 — LOT 2

OBSERVATION WELL 531

WELL REC #: 2805425
UTM CO-ORD: Z-17 E590760 N4806960
LAT & LONG: 43-25NORTH 79-52WEST

REC METHOD: [illegible] TYPE RECORDER
REC COMMENCED: APRIL 1977
MEASURE PT: 0.8 METRES ABOVE GROUND SURFACE
GND ELEV: 282 METRES ABOVE SEA LEVEL
WELL TYPE: DRILLED
WELL LOG: POSSIBLE LOG: OVERBURDEN 0.9; LIMESTONE BEDROCK 19.8.

DIAMETER OF WELL: 15 CM
LENGTH OF CASING: N.A.
LENGTH OF SCREEN: N.A.
DEPTH OF WELL: 19.8 METRES

PUMP RATE: N.A.
SPEC. CAP: N.A.
AQUIFER: LIMESTONE
QUALITY: FRESH

1980
DAILY MEAN WATER LEVELS IN METRES BELOW GROUND SURFACE

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1			16.73	16.59	16.05	16.31	16.49	16.72	16.84	16.95	17.00	17.02	1
2			16.75	16.56		16.31	16.49	16.72	16.84	16.96	17.00	17.02	2
3			16.76	16.52		16.32	16.50	16.72	16.84	16.96	17.00	17.02	3
4			16.76	16.38		16.34	16.50	16.73	15.84	16.96	17.00	17.02	4
5	15.54		16.76	16.43		16.35	16.50	16.73	16.85	16.97	17.00	17.02	5
6	15.54	16.61	16.75	16.46		16.33		16.74	16.85	16.96	17.00	17.02	6
7	15.52	16.62	16.75	16.45		16.33		16.75	16.85	16.97	17.00	17.02	7
8	15.62	16.62	16.76	16.42		16.33		16.75	16.86	16.97	17.00	17.02	8
9	15.69	16.59	16.77	16.38		16.33		16.76	16.87	16.97		17.02	9
10	15.74	16.57	16.77	16.35	16.11	16.35		16.77	16.87	16.97		17.02	10
11	15.65	16.55	16.79	16.36	16.11	16.36		16.77	16.87	16.97		17.02	11
12	15.58	16.56	16.81	16.38	16.13	16.38	16.56	16.77	16.88	16.97		17.01	12
13	15.67	16.52	16.83	16.30	16.16	16.38	16.57	16.77	16.88	16.97		17.01	13
14	15.65	16.51	16.86	16.08	16.17	16.38	16.58	16.78	16.88	16.97		17.01	14
15	15.67	16.50	16.87	15.72	16.19	16.38	16.58	16.78	16.89	16.96	17.00	17.01	15
16	15.65	16.49	16.88	15.96	16.21	16.40	16.59	16.78	16.90	16.98	17.00	17.01	16
17	15.66	16.49	16.87	16.05	16.22	16.42	16.59	16.79	16.90	16.98	17.01	17.01	17
18	15.67	16.49	16.85	16.08	16.20	16.42	16.60	16.79	16.91	16.98	17.01	17.01	18
19	15.67	16.49	16.83	16.11	16.20	16.42	16.60	16.79	16.91	16.98	17.01	17.01	19
20	15.67	16.51	16.83	16.13	16.21	16.43	16.61	16.80	16.92	16.98	17.01	17.01	20
21	15.64	16.53	16.60	16.13	16.21	16.44	16.61	16.81	16.92	16.98	17.01	17.02	21
22	15.61	16.57	16.61	16.13	16.21	16.45	16.62	16.81	16.93	16.98	17.01	17.02	22
23	15.71	16.61	16.76	16.11	16.21	16.45	16.63	16.81	16.94	16.98	17.01	17.02	23
24	15.86	16.62	16.78	16.12	16.21	16.46	16.63	16.81	16.94	16.98	17.02	17.02	24
25	15.90	16.63	16.78	16.12	16.22	16.46	16.65	16.82	16.94	16.99	17.02	17.02	25
26		16.66	16.77	16.13	16.24	16.47	16.68	16.82	16.94	16.99	17.02	17.02	26
27		16.65	16.74	16.14	16.25	16.48	16.70	16.82	16.94	16.99	17.01	17.02	27
28		16.66	16.71	16.14	16.26	16.48	16.70	16.83	16.94	16.99	17.01	17.02	28
29		16.68	16.68	16.05	16.28	16.48	16.71	16.83	16.95	17.00	17.02	17.02	29
30			16.65	16.02	16.29	16.48	16.71	16.83	16.95	17.00	17.02	17.02	30
31			16.61		16.30		16.71	16.83		17.00		17.02	31
-MONTHLY SUMMARY-													
MEAN			16.76	16.22		16.40		16.78	16.89	16.98		17.02	MEAN
INST MAX			16.60 (21)	15.58 (14)		16.31 (1)		16.71 (1)	16.84 (1)	16.95 (1)		17.01 (12)	INST MAX
INST MIN			16.88 (17)	16.60 (1)		16.49 (30)		16.84 (30)	16.95 (30)	17.00 (31)		17.02 (10)	INST MIN

ENVIRONMENT ONTARIO
TORONTO
REGIONAL MUNICIPALITY OF HALTON — TOWNSHIP OF ESQUESING — CONC. 1 — LOT 26

OBSERVATION WELL 437

WELL REC #: 2800684
UTM CO-ORD: 2-17 E576800 N4828600
LAT & LONG: 43-38NORTH 80-03WEST

REC METHOD: A35 RECORDER
REC COMMCD: MAY 1966
MEASURE PT: 0.9 METRES ABOVE GROUND SURFACE
GND ELEV: 386 METRES ABOVE SEA LEVEL
WELL TYPE: DRILLED
WELL LOG: CLAY TILL 1.4; BEDROCK 15.3.

DIAMETER OF WELL: 16 CM
LENGTH OF CASING: 7.9 METRES
LENGTH OF SCREEN: NONE
DEPTH OF WELL: 15.3 METRES

PUMP RATE: 0.3 L/S
SPEC. CAP: 0.009 L/S/M
AQUIFER : ROCK
QUALITY : FRESH

1980
DAILY MEAN WATER LEVELS IN METRES BELOW GROUND SURFACE

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.08		1.16 E		-0.08 E	0.72 E	0.98 E	1.10 E	1.55 E	1.59 E	1.25	1.38	1
2	0.10		1.17 E		-0.06 E	0.70 E	1.00 E	1.12 E	1.55 E	1.58 E	1.28	1.03	2
3	0.13		1.18 E		-0.09 E	0.66 E	1.03 E	1.15 E	1.56 E	1.54 E	1.28	0.67	3
4	0.19 E		1.19 E		-0.03 E	0.67 E	1.06 E	1.19 E	1.57 E	1.40 E	1.27	0.65	4
5	0.23 E		1.20 E		0.02 E	0.70 E	1.09 E	1.22 E	1.58 E	1.43 E	1.29	0.66	5
6	0.29 E	0.87 E	1.23 E		0.08 E	0.72 E	1.13 E	1.25 E	1.59 E	1.45 E	1.29	0.70	6
7	0.30 E	0.90 E	1.22 E		0.13 E	0.71 E	1.16 E	1.27 E	1.61 E	1.46 E	1.29	0.72	7
8	0.38 E	0.93 E	1.21 E		0.17 E	0.67 E	1.17 E	1.29 E	1.62 E	1.46 E	1.29	0.58	8
9	0.43 E	0.93 E	1.21 E		0.21 E	0.68 E	1.20 E	1.30 E	1.63 E	1.49 E	1.28	0.44	9
10	0.47 E	0.94 E	1.19 E		0.28 E	0.72 E	1.22 E	1.33 E	1.65 E	1.49	1.28	0.43	10
11	0.20 E	0.95 E	1.13 E		0.27 E	0.77 E	1.24 E	1.35 E	1.66 E	1.50	1.29	0.47	11
12	0.02 E	0.98 E	1.13 E		0.32 E	0.81 E	1.26 E	1.35 E	1.67 E	1.53	1.29	0.49	12
13	0.07 E	1.01 E	1.11 E		0.20 E	0.83 E	1.28 E	1.36 E	1.67 E	1.55	1.28	0.54	13
14	0.11 E	1.02 E	1.10 E		0.14 E	0.84 E	1.29 E	1.39 E	1.68 E	1.56	1.29	0.59	14
15	0.16 E	1.03 E	1.12 E		0.19 E	0.86 E	1.29 E	1.39 E		1.57	1.29	0.63	15
16	0.17 E	1.03 E	1.11 E		0.25 E	0.89 E	1.30 E	1.41 E	1.67 E	1.58	1.31	0.68	16
17	0.18 E	1.05 E	1.02 E		0.29 E	0.91 E	1.31 E	1.42 E	1.65 E	1.57	1.30	0.73	17
18	0.20 E	1.07 E	0.50 E		0.06 E	0.93 E	1.33 E	1.43 E	1.66 E	1.48	1.30	0.77	18
19	0.22 E	1.07 E	0.33 E		0.07 E	0.95 E	1.35 E	1.44 E	1.67 E	1.47	1.31	0.84	19
20	0.24 E	1.08 E	0.09 E		0.13 E	0.91 E	1.36 E	1.45 E	1.67 E	1.47	1.32	0.88	20
21	0.25 E	1.10 E	-0.20 E		0.19 E	0.92 E	1.36 E	1.45 E	1.68 E	1.47	1.32	0.93	21
22	0.27 E	1.09 E	-0.25 E		0.25 E	0.94 E	1.36 E	1.47 E	1.69 E	1.48	1.34	0.94	22
23	0.31 E	1.09 E	-0.21 E		0.32 E	0.97 E	1.28 E	1.49 E	1.55 E	1.50	1.36	0.95	23
24		1.08 E	-0.20 E		0.37 E	0.99 E	1.31 E	1.51 E	1.55 E	1.48	1.36	0.98	24
25		1.09 E	-0.19 E	0.16 E	0.44 E	1.02 E	1.32 E	1.52 E	1.50 E	1.39	1.38	1.02	25
26		1.11 E	-0.19 E	0.18 E	0.51 E	1.04 E	1.34 E	1.53 E	1.58 E	1.18	1.37	1.03	26
27		1.09 E	-0.19 E	0.20 E	0.56 E	1.06 E	1.36 E	1.54 E	1.55 E	1.18	1.36	1.07	27
28		1.11 E		-0.03 E	0.61 E	1.08 E	1.24 E	1.55 E	1.56 E	1.19	1.33	1.08	28
29		1.14 E		-0.16 E	0.66 E	1.06 E	1.02 E	1.56 E	1.58 E	1.22	1.32	1.09	29
30				-0.12 E	0.69 E	0.99 E	1.06 E	1.56 E	1.58 E	1.22	1.35	1.11	30
31					0.72 E		1.09 E	1.54 E		1.22		1.12	31

-MONTHLY SUMMARY-

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
MEAN					0.86	0.86	1.22	1.39		1.44	1.31	0.81	MEAN
INST MAX					-0.11 (3)	0.64 (3)	0.97 (1)	1.09 (1)		1.18 (26)	1.23 (1)	0.42 (9)	INST MAX
INST MIN					0.73 (31)	1.09 (30)	1.37 (22)	1.57 (30)		1.59 (3)	1.37 (26)	1.35 (1)	INST MIN

ENVIRONMENT ONTARIO
TORONTO
REGIONAL MUNICIPALITY OF HALTON — TOWN OF GEORGETOWN — CONC. - — LOT -

OBSERVATION WELL 377

WELL REC #: 2804285
UTM CO-ORD: 2-17 E586240 N4832900
LAT & LONG: 43-39NORTH 79-56WEST

REC METHOD: A35 RECORDER
REC COMMCD: APR 26 1973
MEASURE PT: 0.6 METRES ABOVE GROUND SURFACE
GND ELEV: 282 METRES ABOVE SEA LEVEL
WELL TYPE: DRILLED
WELL LOG: RED CLAY, SAND AND GRAVEL 8.2; FINE SAND 24.4; COARSE SAND 33.2.

DIAMETER OF WELL: 13 CM
LENGTH OF CASING: 26.5 METRES
LENGTH OF SCREEN: 6.7 METRES
DEPTH OF WELL: 33.2 METRES

PUMP RATE: 3.4 L/S
SPEC. CAP: N.A.
AQUIFER : COARSE SAND
QUALITY : FRESH

1980
DAILY MEAN WATER LEVELS IN METRES BELOW GROUND SURFACE

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.70	2.70	2.75	2.67	2.37	2.13	2.06	2.17	2.39	2.70	2.44	3.19	1
2	2.71	2.70	2.71	2.65	2.36	2.07	2.06	2.18	2.41	2.71	2.37	3.18	2
3	2.71	2.70	2.69	2.64	2.34	2.06	2.06	2.18	2.42	2.70	2.63	3.17	3
4	2.71	2.70	2.68	2.63	2.32	2.05	2.10	2.32	2.43	2.70	2.78	3.18	4
5	2.71	2.70	2.68	2.62	2.31	2.14	2.08	2.25	2.44	2.71	2.82	3.19	5
6	2.70	2.66	2.68	2.62	2.30	2.08	2.27	2.24	2.52	2.72	2.85	3.20	6
7	2.70	2.76	2.68	2.75	2.30	2.06	2.16	2.30	2.46	2.72	2.87	3.21	7
8	2.70	2.73	2.68	2.76	2.28	2.05	2.11	2.25	2.48	2.73	2.96	3.21	8
9	2.79	2.71	2.69	2.74	2.35	2.04	2.10	2.25	2.48	2.75	2.93	3.21	9
10	2.73	2.70	2.75	2.74	2.27	2.03	2.09	2.25	2.49	2.76	2.94	3.22	10
11	2.75	2.69	2.71	2.73	2.22	2.04	2.09	2.40	2.50	2.76	2.96	3.26	11
12	2.70	2.69	2.70	2.65	2.23	2.04	2.09	2.29	2.50	2.77	3.03	3.24	12
13	2.68	2.79	2.70	2.63	2.22	2.05	2.10	2.28	2.51	2.78	3.00	3.24	13
14	2.68	2.76	2.70	2.70	2.22	2.02	2.16	2.27	2.51	2.79	3.00	3.25	14
15	2.68	2.71	2.71	2.56	2.30	2.02	2.13	2.27	2.62	2.80	3.00	3.25	15
16	2.78	2.69	2.71	2.54	2.21	2.07	2.11	2.42	2.56	2.81	3.01	3.26	16
17	2.71	2.68	2.71	2.53	2.19	2.03	2.12	2.43	2.56	2.81	3.02	3.26	17
18	2.70	2.68	2.70	2.52	2.17	2.02	2.13	2.34	2.57	2.82	3.03	3.26	18
19	2.70	2.75	2.70	2.52	2.15	2.02	2.29	2.31	2.57	2.82	3.04	3.27	19
20	2.68	2.71	2.74	2.51	2.12	2.01	2.19	2.31	2.58	2.70	3.06	3.47	20
21	2.69	2.68	2.66	2.50	2.12	2.02	2.16	2.32	2.59	2.67	3.06	3.61	21
22	2.69	2.67	2.62	2.48	2.11	2.08	2.15	2.32	2.59	2.67	3.07	3.40	22
23	2.68	2.67	2.62	2.47	2.33	2.06	2.15	2.33	2.60	2.60	3.08	3.43	23
24	2.76	2.66	2.62	2.47	2.16	2.48	2.15	2.34	2.61	2.53	3.19	3.64	24
25	2.71	2.60	2.62	2.46	2.13	2.22	2.16	2.56	2.62	2.75	3.14	3.74	25
26	2.70	2.71	2.62	2.45	2.11	2.27	2.17	2.42	2.63	2.79	3.12	3.86	26
27	2.70	2.68	2.62	2.44	2.10	2.14	2.17	2.39	2.64	2.81	3.16	3.85	27
28	2.70	2.70	2.62	2.42	2.09	2.09	2.16	2.39	2.65	2.84	3.14	3.78	28
29	2.75	2.71	2.61	2.38	2.08	2.07	2.14	2.39	2.66	2.68	3.15	3.65	29
30	2.72		2.61	2.42	2.08	2.06	2.14	2.40	2.66	2.62	3.24	3.56	30
31	2.70		2.79		2.23		2.16	2.38		2.70		3.93	31

-MONTHLY SUMMARY-

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
MEAN	2.71	2.72	2.68	2.57	2.22	2.08	2.14	2.32	2.54	2.74	2.97	3.30	MEAN
INST MAX	2.43 (29)	2.41 (25)	2.37 (31)	2.37 (30)	1.77 (31)	1.77 (22)	1.82 (6)	1.95 (4)	2.20 (7)	2.30 (24)	2.34 (3)	3.01 (20)	INST MAX
INST MIN	3.43 (11)	3.47 (6)	3.39 (1)	3.38 (7)	3.01 (9)	2.90 (26)	2.96 (4)	3.15 (25)	3.26 (15)	3.09 (20)	3.73 (30)	4.33 (28)	INST MIN

ENVIRONMENT ONTARIO
TORONTO
REGIONAL MUNICIPALITY OF HALTON

OBSERVATION WELL 379

TOWNSHIP OF TRAFALGAR CONC. 3 LOT 14

WELL REC #: 2803707
UTM CO-ORD: 2-17 E591175 N4818750
LAT & LONG: 43-51NORTH 79-52WEST

REC METHOD: (F) TYPE RECORDER
REC COMMCD: SEP 29 1971
MEASURE PT: 0.7 METRES ABOVE GROUND SURFACE
GND ELEV: 201 METRES ABOVE SEA LEVEL
WELL TYPE: DRILLED
WELL LOG: TOPSOIL 0.3; VERY HARD CLAY TILL 2.1; GRAVEL AND SOME GREY CLAY 2.6; BROWNISH CLAY 3.5.

DIAMETER OF WELL: 10 CM
LENGTH OF CASING: 2.4 METRES
LENGTH OF SCREEN: NONE
DEPTH OF WELL: 9 METRES

PUMP RATE: N.A.
SPEC. CAP: N.A.
AQUIFER : CLAY
QUALITY : FRESH

1980
DAILY MEAN WATER LEVELS IN METRES BELOW GROUND SURFACE

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0,52	1,10	1,58	1,18		1,14	1,31	1,42		2,01	2,00	1,91	1
2	0,52	1,12	1,59	1,13		1,17	1,31	1,41		2,01	1,99	1,91	2
3	0,53	1,14	1,60	1,08		1,19	1,31	1,40		2,02	1,98	1,90	3
4	0,56	1,16	1,60	1,02		1,22	1,31	1,40		2,03	1,97	1,80	4
5	0,58	1,18	1,60	0,93		1,24	1,31	1,40		2,05	1,95	1,71	5
6	0,61	1,19	1,60	0,84		1,24	1,32	1,41		2,06	1,94	1,65	6
7	0,63	1,21	1,61	0,79		1,25	1,33	1,42		2,07	1,93	1,59	7
8	0,66	1,23	1,61	0,77		1,27	1,34	1,42		2,08	1,92	1,47	8
9	0,70	1,25	1,62	0,71		1,29	1,34	1,42		2,09	1,92	1,39	9
10	0,73	1,26	1,62	0,62	0,73	1,32	1,35	1,42		2,00	1,91	1,32	10
11	0,76	1,28	1,63	0,58	0,77	1,33	1,36		1,79	2,00	1,91	1,25	11
12	0,74	1,30	1,63	0,52	0,81	1,34	1,36		1,80	2,00	1,91	1,20	12
13	0,72	1,32	1,64	0,46	0,84	1,34	1,37		1,81	2,00	1,91	1,16	13
14	0,71	1,33	1,64	0,42	0,88	1,34	1,38		1,83	2,01	1,91	1,13	14
15	0,71	1,35	1,65		0,94	1,34	1,40		1,84	2,01	1,91	1,11	15
16	0,72	1,37	1,65		0,99	1,34	1,40		1,85	2,02	1,91	1,10	16
17	0,75	1,38	1,65		1,02	1,34	1,41		1,86	2,02	1,91	1,10	17
18	0,77	1,40	1,66		1,03	1,34	1,41		1,87	2,02	1,91	1,10	18
19	0,80	1,41	1,66		1,01	1,34	1,42		1,88	2,02	1,91	1,10	19
20	0,82	1,43	1,67		1,00	1,34	1,42		1,89	2,02	1,91	1,12	20
21	0,83	1,45	1,67		1,00	1,33	1,43		1,90	2,03	1,91	1,14	21
22	0,85	1,47	1,67		1,00	1,33	1,44		1,91	2,04	1,91	1,15	22
23	0,87	1,49	1,68		1,00	1,33	1,46		1,92	2,04	1,91	1,17	23
24	0,89	1,50	1,66		1,01	1,33	1,47		1,93	2,05	1,91	1,18	24
25	0,92	1,52	1,57		1,01	1,33	1,49		1,94	2,05	1,91	1,20	25
26	0,95	1,53	1,48		1,03	1,32	1,50		1,96	2,05	1,91	1,22	26
27	0,97	1,54	1,41		1,05	1,32	1,51		1,97	2,05	1,91	1,24	27
28	1,00	1,55	1,35		1,07	1,32	1,52		1,98	2,05	1,91	1,26	28
29	1,03	1,57	1,30		1,09	1,32	1,52		1,99	2,05	1,91	1,28	29
30	1,05		1,25		1,11	1,31	1,47		2,00	2,04	1,91	1,29	30
31	1,07		1,21		1,13		1,44			2,02		1,31	31
					-MONTHLY SUMMARY-								
MEAN	0,77	1,35	1,57			1,30	1,40			2,03	1,92	1,36	MEAN
INST MAX	0,52 (1)	1,08 (1)	1,20 (31)			1,14 (1)	1,31 (5)			2,00 (10)	1,91 (30)	1,10 (18)	INST MAX
INST MIN	1,08 (31)	1,57 (29)	1,68 (23)			1,34 (15)	1,53 (28)			2,09 (9)	2,01 (1)	1,91 (1)	INST MIN

ENVIRONMENT ONTARIO
TORONTO
NORTHUMBERLAND COUNTY

OBSERVATION WELL 530

TOWNSHIP OF HOPE CONC. 3 LOT 26

WELL REC #: 1901998
UTM CO-ORD: Z-17 E707800 N4870900
LAT & LONG: 43-58NORTH 78-25WEST

REC METHOD: A35 RECORDER
REC COMMCD: OCT. 25 1977
MEASURE PT: 0.0 METRES ABOVE GROUND SURFACE
GND ELEV: 146 METRES ABOVE SEA LEVEL
WELL TYPE: BORED
WELL LOG: TOPSOIL 0.3; SANDY BROWN CLAY 3.7; GRAVELLY BROWN CLAY 6.9

DIAMETER OF WELL: 76 CM
LENGTH OF CASING: 6.9 METRES
LENGTH OF SCREEN: NONE
DEPTH OF WELL: 6.90 METRES

PUMP RATE: 0.15 L/S
SPEC. CAP: N.A.
AQUIFER : GRAVELLY BROWN CLAY
QUALITY : FRESH

1980
DAILY MEAN WATER LEVELS IN METRES BELOW GROUND SURFACE

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.14	1.75	2.19	1.54	1.02	1.88	1.74	1.73		2.24	1.73	1.35	1
2	1.16	1.78	2.20	1.50	1.09	1.86	1.71	1.74		2.25	1.75	1.27	2
3	1.21	1.81	2.20	1.46	1.14	1.87	1.71	1.77		2.26	1.76	1.07	3
4	1.27	1.84	2.21	1.33	1.21	1.88	1.72	1.81		2.28	1.75	1.15	4
5	1.33	1.87	2.21	1.20	1.26	1.88	1.73	1.84		2.29	1.75	1.22	5
6	1.40	1.90	2.23	1.20	1.31	1.89	1.77	1.87		2.30	1.76	1.28	6
7	1.44	1.92	2.24	1.20	1.36	1.90	1.81	1.90		2.30	1.75	1.31	7
8	1.49	1.95	2.25	1.19	1.39	1.88	1.83	1.92		2.29	1.73	1.24	8
9	1.54	1.97	2.25	0.95	1.42	1.88	1.86	1.95		2.31	1.67	1.02	9
10	1.59	1.98	2.26	0.83	1.46	1.88	1.88	1.98		2.32	1.62	1.02	10
11	1.51	2.00	2.27	0.84	1.48	1.89	1.91	2.01		2.32	1.60	1.07	11
12	1.38	2.02	2.29	0.81	1.52	1.91	1.94	2.03		2.33	1.60	1.12	12
13	1.44	2.05	2.29	0.75	1.54	1.92	1.97	2.05	2.17	2.34	1.60	1.16	13
14	1.49	2.07	2.29	0.73	1.56	1.94	2.03	2.07	2.16	2.35	1.59	1.19	14
15	1.54	2.08	2.30	0.48	1.57	1.95	2.02	2.09	2.16	2.36	1.55	1.23	15
16	1.55	2.08	2.32	0.63	1.59	1.98	2.04	2.12	2.15	2.37	1.54	1.27	16
17	1.55	2.09	2.31	0.78	1.61	2.00	2.06	2.15	2.14	2.37	1.54	1.30	17
18	1.48	2.11	2.31	0.85	1.60	2.01	2.09	2.16	2.14	2.35	1.54	1.32	18
19	1.45	2.13	2.33	0.92	1.49	2.03	2.11	2.17	2.14	2.26	1.56	1.36	19
20	1.46	2.13	2.32	0.96	1.48	2.03	2.12	2.19	2.15	2.22	1.57	1.39	20
21	1.46	2.14	2.25	1.02	1.47	2.04	2.08	2.21	2.15	2.18	1.57	1.43	21
22	1.45	2.15	2.12	1.08	1.51	2.06	1.96	2.23	2.16	2.17	1.58	1.45	22
23	1.46	2.15	2.03	1.12	1.55	2.06	1.86	2.26	2.17	2.16	1.57	1.47	23
24	1.49	2.16	1.96	1.16	1.58	2.05	1.81	2.28	2.18	2.14	1.56	1.49	24
25	1.53	2.16	1.89	1.18	1.62	2.07	1.80	2.30	2.19	2.10	1.55	1.52	25
26	1.59	2.17	1.85	1.19	1.67	2.08	1.81	2.31	2.19	1.94	1.55	1.54	26
27	1.63	2.16	1.79	1.22	1.71	2.01	1.83	2.33	2.20	1.86	1.54	1.57	27
28	1.66	2.16	1.73	1.19	1.74	1.91	1.83		2.21	1.79	1.52	1.59	28
29	1.68	2.16	1.66	0.98	1.77	1.84	1.80		2.22	1.76	1.44	1.60	29
30	1.71		1.62	0.96	1.79	1.79	1.76		2.23	1.75	1.39	1.61	30
31	1.73		1.58		1.82		1.74			1.73		1.62	31
					-MONTHLY SUMMARY-								
MEAN	1.48	2.03	2.12	1.04	1.49	1.96	1.88			2.10	1.61	1.33	MEAN
INST MAX	1.13 (1)	1.74 (1)	1.96 (31)	0.42 (15)	0.99 (1)	1.77 (30)	1.71 (3)			1.73 (31)	1.36 (30)	1.01 (9)	INST MAX
INST MIN	1.74 (31)	2.18 (29)	2.33 (19)	1.56 (1)	1.83 (31)	2.09 (26)	2.13 (20)			2.37 (17)	1.77 (3)	1.62 (31)	INST MIN

ENVIRONMENT ONTARIO
TORONTO
REGIONAL MUNICIPALITY OF PEEL   TOWNSHIP OF ALBION   CONC. 6   LOT 23

OBSERVATION WELL 253

WELL REC #: 4900168
UTM CO-ORD: 7-17 E594600 N4860830
LAT & LONG: 43-57NORTH 79-49WEST

REC METHOD: F1 TYPE RECORDER
REC COMMENC: MAR 3 1970
MEASURE PT: 1.1 METRES ABOVE GROUND SURFACE
GND ELEV: 275 METRES ABOVE SEA LEVEL
WELL TYPE: DRILLED
WELL LOG: BLACK SOIL 1.2; BROWN CLAY, SAND AND STONES 20.7; BROWN SAND AND A FEW STONES 19.8; GREY CLAY, STONES AND SAND 20.7; BROWNISH YELLOW SILT, CLAY 32.3; BLUE CLAY AND STONES 39.6; BROWNISH YELLOW SILT, CLAY 65.3; GREY HARDPAN 66.5.

DIAMETER OF WELL: 13 CM
LENGTH OF CASING: 65.6 METRES
LENGTH OF SCREEN: 0.9 METRES
DEPTH OF WELL: 218 METRES

PUMP RATE: N.A.
SPEC. CAP: N.A.
AQUIFER : HARDPAN
QUALITY : FRESH

1988
DAILY MEAN WATER LEVELS IN METRES BELOW GROUND SURFACE

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	12.99	12.95	13.01	13.01	12.83	12.73		12.73	12.86		12.99	13.01	1
2	12.98	12.95	13.01	13.01	12.81	12.73		12.73	12.87			13.01	2
3	12.98	12.95	13.02	13.01	12.81	12.73		12.73	12.87				3
4	12.98	12.96	13.02	13.01	12.80	12.73		12.73	12.87	12.96			4
5	12.98	12.96	13.02	13.00	12.79	12.73		12.73	12.87	12.96			5
6	12.98	12.96	13.02	13.00	12.79			12.73	12.87	12.96			6
7	12.98	12.96	13.02	12.99	12.78			12.73	12.88	12.96			7
8	12.98	12.96	13.02	12.99	12.78			12.73	12.88	12.97			8
9	12.97	12.96	13.02	12.99	12.78			12.73	12.89	12.97			9
10	12.97	12.97	13.03	12.99	12.77			12.73	12.89	12.97			10
11	12.97	12.97	13.03	12.98	12.77			12.73	12.89	12.97			11
12	12.97	12.97	13.03	12.97	12.76			12.73	12.90	12.97			12
13	12.97	12.97	13.03	12.96	12.76				12.90	12.97			13
14	12.97	12.97	13.03	12.96	12.76	12.70			12.91	12.97	13.00		14
15	12.97	12.98	13.03	12.95	12.75	12.70			12.91	12.97	13.00		15
16	12.96	12.98	13.03	12.94	12.75	12.70	12.74		12.91	12.97	13.00		16
17	12.96	12.98	13.03	12.93	12.75	12.70	12.74		12.92	12.97	13.00		17
18	12.96	12.99	13.03	12.92	12.75	12.70	12.74		12.92	12.97	13.00		18
19	12.96	12.99	13.04	12.91	12.75	12.70	12.74		12.92	12.98	13.00		19
20	12.96	12.99	13.04	12.90	12.74	12.71	12.73		12.92	12.98	13.00	13.00 E	20
21	12.96	13.00	13.04	12.89	12.74	12.71	12.74		12.92	12.98	13.00	13.00 E	21
22	12.96	13.00	13.04	12.89	12.73	12.71	12.74		12.93	12.98	13.00	13.00 E	22
23	12.96	13.00	13.04	12.88	12.73	12.71	12.74		12.93	12.98	13.00	13.00 E	23
24	12.96	13.00	13.04	12.87	12.73	12.71	12.74		12.94	12.98	13.01	13.01 E	24
25	12.96	13.00	13.03	12.86	12.73	12.71	12.74			12.98	13.01	13.01 E	25
26	12.95	13.01	13.03	12.86	12.73	12.71	12.73			12.98	13.01	13.01 E	26
27	12.95	13.01	13.03	12.85	12.73	12.71	12.73			12.99	13.01	13.01 E	27
28	12.95	13.01	13.02	12.85	12.73	12.72	12.73	12.85		12.99	13.01	13.01 E	28
29	12.95	13.01	13.02	12.84	12.73	12.72	12.73	12.85		12.99	13.01	13.01 E	29
30	12.95		13.01	12.83	12.73	12.72	12.73	12.86		12.99	13.01	13.01 E	30
31	12.95		13.01		12.73		12.73	12.86		12.99		13.02 E	31

-MONTHLY SUMMARY-

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
MEAN	12.97	12.98	13.03	12.93	12.76								MEAN
INST MAX	12.95 (27)	12.95 (1)	13.01 (31)	12.83 (30)	12.73 (31)								INST MAX
INST MIN	12.99 (1)	13.01 (29)	13.04 (22)	13.01 (1)	12.83 (1)								INST MIN

ENVIRONMENT ONTARIO
TORONTO
REGIONAL MUNICIPALITY OF PEEL   TOWNSHIP OF CALEDON   W S F 5   LOT 8

OBSERVATION WELL 218

WELL REC #: 4900661
UTM CO-ORD: 7-17 E587990 N4858940
LAT & LONG: 43-53NORTH 79-64 WEST

REC METHOD: A35 RECORDER
REC COMMENC: JUL. 04 1965
MEASURE PT: 0,2 METRES ABOVE GROUND SURFACE
GND ELEV: 309 METRES ABOVE SEA LEVEL
WELL TYPE: BORED
WELL LOG: BROWN SOIL 5,5; COARSE SAND 7,9; SILTY CLAY WITH FINE SAND 9,2.

DIAMETER OF WELL: 76 CM
LENGTH OF CASING: 9,2METRES
LENGTH OF SCREEN: NONE
DEPTH OF WELL: 9,2 METRES

PUMP RATE: 0,1 L/S
SPEC. CAP: N.A.
AQUIFER : COARSE SAND
QUALITY : FRESH

1988
DAILY MEAN WATER LEVELS IN METRES BELOW GROUND SURFACE

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1				1,79	1,17	1,55		1,36	1,82	1,97	2,00	2,07	1
2				1,79	1,18	1,55		1,39	1,80	1,97	2,02	2,01	2
3				1,77	1,19	1,55		1,44	1,80	1,96	2,02		3
4				1,70	1,23	1,57		1,44	1,81	1,92	2,01		4
5				1,70	1,21	1,59 E		1,47	1,82	1,96	2,02	1,95	5
6			1,84	1,81	1,21	1,60 E		1,49	1,84	1,94	2,02	1,95	6
7			1,85	1,73	1,21	1,58 E		1,51	1,86	1,95	2,02	1,94	7
8			1,85	1,69	1,22	1,58		1,52	1,88	1,95	2,02	1,88	8
9			1,86	1,55	1,24	1,56		1,57	1,87 E	1,97	2,00	1,79	9
10			1,86	1,54	1,28	1,56		1,56	1,88 E	1,98	2,00	1,74	10
11			1,87	1,55	1,26	1,56		1,57	1,90 E	1,98	2,01	1,73	11
12			1,87	1,53	1,28	1,56		1,58	1,91 E	2,02	2,01	1,70	12
13			1,87	1,53	1,29	1,56		1,60	1,91 E	2,05	2,00	1,70	13
14			1,88	1,34	1,29	1,55		1,61	1,94	2,03	2,00	1,69	14
15			1,89	1,21	1,30	1,58		1,63	1,91	2,03	2,00	1,70	15
16			1,89	1,35	1,32	1,53	1,37	1,66	1,90	2,03	2,02	1,69	16
17			1,88	1,37	1,38	1,52	1,39	1,68	1,90	2,02	2,02		17
18			1,89	1,38	1,31	1,51	1,41	1,68	1,91	2,01	2,01		18
19			1,90	1,38	1,34	1,51	1,44	1,68	1,93	2,01	2,03		19
20			1,85	1,38	1,31	1,48	1,47	1,70	1,94	2,01	2,04		20
21			1,56	1,37	1,33	1,47	1,46	1,72	1,95	2,02	2,03		21
22			1,84	1,37	1,35	1,47	1,45	1,73	1,95	2,03	2,04		22
23			1,87	1,37	1,37	1,47	1,48	1,72	1,94	2,04	2,05		23
24			1,87	1,37	1,47	1,47	1,47	1,79	1,93	2,04	2,05		24
25			1,88	1,37	1,43	1,47	1,49	1,77	1,93	2,01	2,06		25
26			1,88	1,37	1,45	1,47	1,52	1,79	1,93	1,97	2,07		26
27			1,87	1,37	1,47		1,51	1,80	1,93	1,97	2,06		27
28			1,85	1,31	1,48		1,43	1,81	1,96	1,96	2,05		28
29			1,84	1,14	1,50		1,31	1,80	1,96	1,98	2,05		29
30			1,84	1,16	1,52		1,30	1,81	1,96	1,99	2,07		30
31			1,82		1,53		1,33	1,89		1,98			31

-MONTHLY SUMMARY-

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
MEAN				1,48	1,33			1,64	1,90	1,99	2,03		MEAN
INST MAX				0,85 (19)	1,16 (1)			1,34 (1)	1,80 (3)	1,92 (4)	1,98 (9)		INST MAX
INST MIN				2,02 (6)	2,15 (24)			2,16 (31)	2,13 (14)	2,06 (12)	2,07 (26)		INST MIN

ENVIRONMENT ONTARIO
TORONTO
REGIONAL MUNICIPALITY OF PEEL   TOWNSHIP OF CHINGUACOUSY   HS= 5 LOT 5

OBSERVATION WELL 167

WELL REC #: 4901999
UTM CO-ORD: 2-17 E596500 N4832100
LAT & LONG: 43-38NORTH 79-48WEST

REC METHOD: A35 RECORDER
REC COMMENCE: DEC 15 1965
MEASURE PT: 1.4 METRES ABOVE GROUND SURFACE
GND ELEV: 206 METRES ABOVE SEA LEVEL
WELL TYPE: DRILLED
WELL LOG: TOPSOIL 2; BROWN CLAY, GRAVEL 7; SAND AND GRAVEL 17; CLAY AND GRAVEL 20.

DIAMETER OF WELL: 15 CM
LENGTH OF CASING: 4.6 METRES
LENGTH OF SCREEN: 1.5 METRES
DEPTH OF WELL: 6.1 METRES

PUMP RATE: N.A.
SPEC. CAP: N.A.
AQUIFER : CLAY AND GRAVEL
QUALITY : FRESH

1986
DAILY MEAN WATER LEVELS IN METRES BELOW GROUND SURFACE

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.64 E	1.78	1.93	1.85	1.41	1.57	1.79	1.80	2.00	2.14	2.21	2.27	1
2	1.63	1.79	1.93	1.84	1.40	1.58	1.80	1.80	1.99	2.15	2.21	2.27	2
3	1.63	1.79	1.94	1.83	1.39	1.60	1.81	1.80	1.99	2.15	2.21	2.27	3
4	1.62	1.80	1.94	1.81	1.39	1.61	1.81	1.81	2.00	2.15	2.21	2.27	4
5	1.61	1.81	1.94	1.80	1.39	1.62	1.82	1.82	2.01	2.15	2.22	2.27	5
6	1.61	1.81	1.95	1.78	1.40	1.63	1.83	1.84	2.01	2.16	2.22	2.26	6
7	1.61	1.82	1.95	1.75	1.41	1.63	1.84	1.85	2.02	2.16	2.22	2.25	7
8	1.62	1.82	1.95	1.73	1.43	1.64	1.84	1.86	2.03	2.16	2.22	2.24	8
9	1.64	1.82	1.96	1.72	1.44	1.65	1.85	1.87	2.03	2.17	2.22	2.23	9
10	1.65	1.83	1.96	1.70	1.43	1.65	1.85	1.88	2.03	2.17	2.23	2.22	10
11	1.65	1.83	1.97	1.67	1.44	1.67	1.85	1.88	2.03	2.17	2.23	2.21	11
12	1.64	1.84	1.97	1.64	1.46	1.68	1.85	1.88	2.04	2.18	2.24	2.19	12
13	1.64	1.85	1.97	1.62	1.46	1.69	1.87	1.88	2.05	2.18	2.24	2.19	13
14	1.64	1.85	1.97	1.59	1.47	1.69	1.88	1.89	2.05	2.18	2.24	2.18	14
15	1.66	1.86	1.97	1.53	1.47	1.69	1.88	1.90	2.06	2.18	2.24	2.17	15
16	1.66	1.86	1.98	1.46	1.48	1.70	1.89	1.91	2.06	2.18	2.24	2.16	16
17	1.66	1.87	1.98	1.43	1.48	1.71	1.89	1.92	2.07	2.18	2.24		17
18	1.67	1.88	1.98	1.41	1.48	1.72	1.90	1.92	2.07	2.20	2.25		18
19	1.68	1.88	1.98	1.41	1.47	1.72	1.91	1.92	2.08	2.20	2.25		19
20	1.69	1.89	1.96	1.41	1.46	1.72	1.91	1.93	2.09	2.20	2.25		20
21	1.69	1.90	1.92	1.41	1.45	1.73	1.92	1.94	2.09	2.20	2.25		21
22	1.70	1.91	1.88	1.41	1.46	1.74	1.93	1.95	2.10	2.20	2.25		22
23	1.70	1.91	1.87	1.41	1.46	1.75	1.93	1.95	2.10	2.21	2.25		23
24	1.71	1.91	1.86	1.43	1.47	1.76	1.94	1.96	2.11	2.21	2.25		24
25	1.72	1.91	1.86	1.44	1.48	1.77	1.95	1.97	2.11	2.22	2.26		25
26	1.73	1.92	1.86	1.46	1.50	1.77	1.95	1.98	2.12	2.21	2.26		26
27	1.74	1.92	1.86	1.47	1.52	1.78	1.96	1.98	2.13	2.21	2.26		27
28	1.74	1.92	1.86	1.48	1.53	1.78	1.97	1.99	2.13	2.20	2.26		28
29	1.75	1.93	1.85	1.47	1.54	1.78	1.92	2.00	2.13	2.21	2.26		29
30	1.76		1.85	1.43	1.54	1.78	1.85	2.00	2.14	2.21	2.27		30
31	1.77		1.85		1.56		1.81	2.01		2.20			31

-MONTHLY SUMMARY-

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
MEAN	1.67	1.86	1.93	1.58	1.46	1.69	1.88	1.91	2.06	2.18	2.24		MEAN
INST MAX	1.61 (7)	1.78 (1)	1.85 (31)	1.41 (21)	1.39 (5)	1.57 (1)	1.79 (1)	1.79 (3)	1.99 (2)	2.14 (1)	2.20 (2)		INST MAX
INST MIN	1.78 (31)	1.93 (29)	1.98 (19)	1.85 (1)	1.57 (31)	1.79 (30)	1.97 (28)	2.01 (31)	2.14 (30)	2.22 (25)	2.27 (30)		INST MIN

ENVIRONMENT ONTARIO
TORONTO
REGIONAL MUNCIPALITY OF PEEL   TOWNSHIP OF CHINGUACOUSY   HSE 2   LOT 15

OBSERVATION WELL 168

WELL REC #: 4901205
UTM CO-ORD: 2-17 E597150 N4844050
LAT & LONG: 43-45NORTH 79-48WEST

REC METHOD: A35 RECORDER
REC COMMENCE: MAR 4 1966
MEASURE PT: 1.4 METRES ABOVE GROUND SURFACE
GND ELEV: 249 METRES ABOVE SEA LEVEL
WELL TYPE: DRILLED
WELL LOG: TOPSOIL 0.3; SANDY CLAY, ODD BIT OF GRAVEL 8.8; SAND, CLAY AND SOME GRAVEL 10.7; SAND AND GRAVEL 14.3; FINE SAND AND GRAVEL, ODD BIT OF CLAY 15.6; CLAY, SAND, GRAVEL 16.8; SAND, GRAVEL AND ODD BIT OF CLAY 22.3.

DIAMETER OF WELL: 30 CM
LENGTH OF CASING: 16.2 METRES
LENGTH OF SCREEN: 6.1 METRES
DEPTH OF WELL: 22.3 METRES

PUMP RATE: N.A.
SPEC. CAP: N.A.
AQUIFER : SAND AND GRAVEL
QUALITY : FRESH

1986
DAILY MEAN WATER LEVELS IN METRES BELOW GROUND SURFACE

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	6.61	6.65	6.76	6.60	6.18	6.03	6.12		6.29	6.36	6.50	6.60	1
2	6.61	6.66	6.73	6.58	6.16	6.01	6.13		6.31	6.37	6.53	6.56	2
3	6.64	6.66	6.70	6.56	6.14	6.03	6.12		6.34	6.38	6.49	6.65	3
4	6.63	6.67	6.70	6.58	6.12	6.07	6.12		6.32	6.40	6.47	6.63	4
5	6.61	6.67	6.70	6.54	6.09	6.06	6.10		6.32	6.44	6.50	6.62	5
6	6.61	6.66	6.76	6.56	6.09	6.02	6.15		6.33	6.43	6.48	6.61	6
7	6.57	6.68	6.75	6.52	6.09	6.02	6.14		6.34	6.40	6.47	6.60	7
8	6.64	6.69	6.71	6.49	6.09	6.04	6.11		6.34	6.38	6.53	6.58	8
9	6.66	6.66	6.74	6.48	6.08	6.02	6.15		6.32	6.44	6.49	6.60	9
10	6.65	6.64	6.70	6.48	6.07	6.05	6.14		6.34	6.41	6.55	6.61	10
11	6.56	6.63	6.75	6.49	6.06	6.09			6.33	6.38	6.56	6.63	11
12	6.65	6.68	6.79	6.45	6.07	6.09		6.23	6.36	6.43	6.56	6.59	12
13	6.63	6.69	6.73		6.08	6.07		6.25	6.36	6.46	6.52	6.63	13
14	6.62	6.70	6.74		6.08	6.08		6.23	6.33	6.46	6.54	6.63	14
15	6.66	6.68	6.80		6.08	6.09		6.25	6.35	6.46	6.56	6.63	15
16	6.62	6.65	6.77		6.08	6.09		6.27	6.34	6.46	6.58	6.63	16
17	6.58	6.68	6.71		6.05	6.08		6.28	6.34	6.43	6.55	6.63	17
18	6.60	6.70	6.77		6.01	6.07		6.24	6.38	6.42	6.54	6.61	18
19	6.62	6.70	6.77		6.04	6.06		6.26	6.38	6.44	6.56	6.67	19
20	6.61	6.68	6.73		6.04	6.07		6.26	6.35	6.45	6.57	6.68	20
21	6.58	6.71	6.67		6.02	6.10		6.26	6.36	6.46	6.55	6.68	21
22	6.56	6.67	6.74		6.03	6.10		6.28	6.35	6.50	6.59	6.66	22
23	6.55	6.71	6.73		6.02	6.10		6.30	6.39	6.51	6.57	6.62	23
24	6.57	6.71	6.80		6.00	6.10		6.30	6.40	6.46	6.56	6.63	24
25	6.59	6.72	6.80	6.25	6.02	6.10		6.29	6.37	6.40	6.60	6.67	25
26	6.64	6.73	6.68	6.24	6.04	6.08		6.29	6.39	6.44	6.61	6.66	26
27	6.63	6.68	6.66	6.22	6.03	6.10		6.30	6.40	6.49	6.56	6.69	27
28	6.63	6.72	6.63	6.21	6.03	6.10		6.32	6.41	6.47	6.51	6.66	28
29	6.66	6.77	6.60	6.20	6.03	6.07		6.31	6.40	6.51	6.53	6.65	29
30	6.66		6.59	6.19	6.01	6.10		6.29	6.38	6.50	6.58	6.66	30
31	6.65		6.58		6.01			6.29		6.46		6.65	31

-MONTHLY SUMMARY-

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
MEAN	6.61	6.68	6.71		6.06	6.07			6.35	6.44	6.54	6.63	MEAN
INST MAX	6.52 (7)	6.63 (11)	6.57 (31)		5.99 (24)	5.99 (7)			6.29 (1)	6.34 (1)	6.45 (4)	6.52 (2)	INST MAX
INST MIN	6.64 (12)	6.78 (29)	6.81 (12)		6.19 (1)	6.12 (30)			6.42 (28)	6.52 (25)	6.61 (26)	6.70 (27)	INST MIN

ENVIRONMENT ONTARIO
TORONTO
PETERBOROUGH COUNTY

OBSERVATION WELL 553

TOWNSHIP OF CAVAN   CONC. 8   LOT 18

WELL REC #: 5109590
UTM CO-ORD: Z-17 E700745 N4896285
LAT & LONG: 78-29NORTH 44-11WEST

REC METHOD: A-35 RECORDER
REC COMMCD: NOV. 01 1979
MEASURE PT: 0.50 METRES ABOVE GROUND SURFACE
GND ELEV: 214 METRES ABOVE SEA LEVEL
WELL TYPE: BORED
WELL LOG: BROWN TOPSOIL & SAND 0.3; DENSE GREY CLAY 7.0; BROWN SAND 7.6.

DIAMETER OF WELL: 76 CM
LENGTH OF CASING: 7.6 METRES
LENGTH OF SCREEN: NONE
DEPTH OF WELL: 7.6 METRES

PUMP RATE: N.A. L/S
SPEC. CAP: N.A. L/S/M
AQUIFER : SAND
QUALITY : FRESH

1980
DAILY MEAN WATER LEVELS IN METRES BELOW GROUND SURFACE

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	6.71	6.59	6.75	6.55	6.37	6.50	6.63	6.63	6.69	6.76	6.73	6.63	1
2	6.70	6.59	6.75	6.55	6.36	6.51	6.63	6.62	6.69	6.76	6.73	6.63	2
3	6.69	6.60	6.75	6.56	6.36	6.51	6.64	6.62	6.70	6.76	6.72	6.63	3
4	6.68	6.61	6.75	6.57	6.36	6.52	6.64	6.62	6.70	6.77	6.72	6.63	4
5	6.67	6.61	6.76	6.57	6.36	6.52	6.64	6.62	6.70	6.77	6.71	6.62	5
6	6.67	6.62	6.77	6.57	6.36	6.53	6.64	6.62	6.71	6.77	6.71	6.61	6
7	6.65	6.63	6.77	6.57	6.36	6.53	6.64	6.62	6.70	6.77	6.71	6.59	7
8	6.65	6.63	6.77	6.57	6.37	6.54	6.65	6.62	6.71	6.77	6.71	6.59	8
9	6.65	6.63	6.78	6.56	6.37	6.55	6.65	6.62	6.71	6.77	6.71	6.58	9
10	6.65	6.64	6.78	6.54	6.37	6.55	6.65	6.62	6.71	6.78	6.70	6.56	10
11	6.64	6.64	6.78	6.53	6.37	6.56	6.66	6.63	6.71	6.78	6.70	6.54	11
12	6.62	6.65	6.79	6.51	6.38	6.56	6.66	6.64	6.71	6.78	6.69	6.53	12
13	6.61	6.66	6.79	6.49	6.38	6.57	6.67	6.64	6.71	6.78	6.68	6.51	13
14	6.60	6.66	6.79	6.47	6.39	6.58	6.67	6.64	6.72	6.78	6.68	6.50	14
15	6.59	6.66	6.80	6.44	6.40	6.58	6.67	6.65	6.72	6.79	6.67	6.49	15
16	6.58	6.67	6.80	6.40	6.41	6.58	6.67	6.65	6.72	6.79	6.67	6.49	16
17	6.58	6.68	6.80	6.35	6.41	6.59	6.67	6.66	6.72	6.79	6.67	6.48	17
18	6.57	6.69	6.81	6.33	6.41	6.59	6.68	6.66	6.73	6.79	6.66	6.48	18
19	6.56	6.69	6.80	6.33	6.42	6.60	6.69	6.67	6.73	6.79	6.65	6.48	19
20	6.56	6.69	6.78	6.33	6.42	6.60	6.69		6.73	6.79	6.66	6.49	20
21	6.55	6.70	6.74	6.34	6.43	6.61	6.69		6.73	6.79	6.65	6.49	21
22	6.55	6.70	6.72	6.35	6.44	6.61	6.69		6.74	6.79	6.65	6.49	22
23	6.54	6.71	6.71	6.35	6.44	6.61	6.68		6.74	6.79	6.64	6.49	23
24	6.54	6.71	6.69	6.36	6.44	6.61	6.67		6.74	6.79	6.64	6.49	24
25	6.54	6.72	6.66	6.37	6.45	6.61	6.66		6.75	6.79	6.64	6.48	25
26	6.55	6.72	6.64	6.37	6.46	6.62	6.65		6.75	6.79	6.64	6.49	26
27	6.56	6.73	6.60	6.37	6.47	6.62	6.65		6.75	6.78	6.64	6.50	27
28	6.56	6.73	6.57	6.37	6.48	6.63	6.64		6.76	6.77	6.63	6.50	28
29	6.57	6.74	6.55	6.37	6.48	6.62	6.64	6.69	6.76	6.76	6.63	6.50	29
30	6.58		6.54	6.37	6.49	6.62	6.63	6.69	6.76	6.75	6.63	6.50	30
31	6.58		6.55		6.49		6.63	6.69		6.74		6.51	31

-MONTHLY SUMMARY-

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
MEAN	6.60	6.67	6.73	6.45	6.41	6.57	6.66		6.72	6.78	6.68	6.53	MEAN
INST MAX	6.54 (24)	6.59 (2)	6.54 (30)	6.33 (18)	6.35 (6)	6.49 (1)	6.63 (1)		6.69 (2)	6.74 (31)	6.63 (29)	6.48 (18)	INST MAX
INST MIN	6.72 (1)	6.75 (29)	6.81 (18)	6.57 (8)	6.49 (31)	6.63 (28)	6.69 (20)		6.76 (30)	6.79 (20)	6.74 (1)	6.63 (1)	INST MIN

ENVIRONMENT ONTARIO
TORONTO
SIMCOE COUNTY

OBSERVATION WELL 529

TOWNSHIP OF INNISFIL   CONC. -   LOT -

WELL REC #: 5715034
UTM CO-ORD: Z-17 E605145 N4912050
LAT & LONG: 44-22 NORTH 79-41 WEST

REC METHOD: A71 RECORDER
REC COMMCD: APR 07 1976
MEASURE PT: 0.0 METRES ABOVE GROUND SURFACE
GND ELEV: 264 METRES ABOVE SEA LEVEL
WELL TYPE: BORED
WELL LOG: SAND 7.3.

DIAMETER OF WELL: 76 CM
LENGTH OF CASING: 7.3 METRES
LENGTH OF SCREEN: NONE
DEPTH OF WELL: 7.3 METRES

PUMP RATE: N.A.
SPEC. CAP: N.A.
AQUIFER : SAND
QUALITY : FRESH

1980
DAILY MEAN WATER LEVELS IN METRES BELOW GROUND SURFACE

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	5.04	5.12	5.18	5.13	5.06	5.09	5.15	5.08	5.16	5.18	5.14	5.06	1
2	5.04	5.12	5.18	5.13	5.05	5.10	5.15	5.08	5.16	5.18	5.14	5.06	2
3	5.04	5.12	5.18	5.13	5.05	5.10	5.14	5.07	5.16	5.18	5.13	5.06	3
4	5.03	5.12	5.18	5.12	5.05	5.10	5.15	5.07	5.18	5.18	5.13	5.06	4
5	5.03	5.12	5.18	5.12	5.04	5.10	5.15	5.07	5.18	5.18	5.12	5.06	5
6	5.04	5.12	5.18	5.11	5.04	5.11	5.16	5.07	5.18	5.18	5.12	5.06	6
7	5.04	5.12	5.18	5.11	5.04	5.11	5.16	5.07	5.17	5.17	5.12	5.05	7
8	5.04	5.12	5.19	5.11	5.04	5.11	5.16		5.17	5.17	5.12	5.05	8
9	5.04	5.12	5.19	5.10	5.04	5.11	5.16		5.17	5.16	5.12	5.05	9
10	5.04	5.12	5.20	5.09	5.04	5.11	5.16		5.17	5.16	5.11	5.04	10
11	5.05	5.12	5.20	5.09	5.04	5.11	5.17		5.17	5.16	5.10	5.03	11
12	5.06	5.1[illegible]	5.21	5.09	5.04	5.11	5.19		5.17	5.16	5.10	5.03	12
13	5.06	5.1[illegible]	5.21	5.09	5.04	5.12	5.20		5.17	5.16	5.10	5.02	13
14	5.07	5.15	5.21	5.09	5.04	5.12	5.19		5.17	5.16	5.09	5.02	14
15	5.07	5.15	5.21	5.08	5.04	5.12	5.19		5.17	5.16	5.09	5.02	15
16	5.08	5.15	5.21	5.07	5.05	5.12	5.19	5.11	5.17	5.16	5.09	5.02	16
17	5.08	5.15	5.22	5.07	5.05	5.13	5.20	5.12	5.17	5.16	5.08	5.02	17
18	5.09	5.15	5.22	5.07	5.05	5.13	5.20	5.12	5.17	5.16	5.08	5.02	18
19	5.09	5.15	5.22	5.07	5.05	5.13	5.20	5.12	5.18	5.16	5.08	5.02	19
20	5.09	5.16	5.22	5.07	5.05	5.13	5.20	5.13	5.18	5.16	5.08	5.03	20
21	5.09	5.17	5.21	5.06	5.05	5.13	5.20	5.13	5.18	5.16	5.07	5.03	21
22	5.09	5.17	5.20	5.07	5.05	5.13	5.19	5.14	5.18	5.16	5.08	5.03	22
23	5.09	5.17	5.18	5.06	5.06	5.13	5.18	5.14	5.19	5.16	5.08	5.03	23
24	5.09	5.17	5.17	5.06	5.06	5.13	5.18	5.14	5.19	5.16	5.08	5.03	24
25	5.09	5.18	5.16	5.06	5.07	5.13	5.15	5.14	5.19	5.16	5.07	5.04	25
26	5.09	5.18	5.16	5.06	5.07	5.14	5.14	5.14	5.19	5.16	5.07	5.04	26
27	5.10	5.18	5.16	5.06	5.08	5.14	5.1[illegible]	5.15	5.19	5.15	5.07	5.04	27
28	5.11	5.18	5.15	5.06	5.08	5.15	5.13	5.15	5.19	5.15	5.07	5.04	28
29	5.12	5.18	5.15	5.06	5.08	5.15	5.12	5.15	5.19	5.15	5.07	5.04	29
30	5.12		5.14	5.06	5.09	5.14	5.11	5.16	5.19	5.15	5.06	5.04	30
31	5.12		5.14		5.09		5.10	5.16		5.14		5.05	31

-MONTHLY SUMMARY-

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
MEAN	5.07	5.15	5.19	5.08	5.05	5.12	5.16		5.18	5.16	5.10	5.04	MEAN
INST MAX	5.03 (5)	5.12 (7)	5.13 (31)	5.06 (25)	5.04 (7)	5.09 (1)	5.09 (31)		5.16 (1)	5.14 (31)	5.06 (29)	5.02 (15)	INST MAX
INST MIN	5.12 (30)	5.18 (27)	5.22 (21)	5.13 (1)	5.09 (30)	5.15 (29)	5.20 (19)		5.19 (5)	5.18 (1)	5.14 (1)	5.06 (1)	INST MIN

ENVIRONMENT ONTARIO
TORONTO
SIMCOE COUNTY

OBSERVATION WELL 907

TOWNSHIP OF ESSA — CONC. 3 — LOT 30

WELL REC #: 5708713
UTM CO-ORD: Z-17 E569850 N4907950
LAT & LONG: 44-19NORTH 79-5 WEST

REC METHOD: A35 RECORDER
REC COMMENCE: JUN 6 1950
MEASURE PT: 0,46 METRES ABOVE GROUND SURFACE
GND ELEV: 191 METRES ABOVE SEA LEVEL
WELL TYPE: DUG
WELL LOG: OVERBURDEN 6,1.

DIAMETER OF WELL: 91 CM
LENGTH OF CASING: 6,1 METRES
LENGTH OF SCREEN: NONE
DEPTH OF WELL: 6,1 METRES

PUMP RATE: N.A.
SPEC. CAP: N.A.
AQUIFER: OVERBURDEN
QUALITY: FRESH

1980
DAILY MEAN WATER LEVELS IN METRES BELOW GROUND SURFACE

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3,02		3,32	3,20	2,97 E	2,15	1,59	2,20	2,77	3,10	3,24	3,33	1
2	3,01		3,32	3,19	2,97 E	2,13	1,61	2,22	2,78	3,10	3,25	3,34	2
3	3,01		3,33	3,19	2,96 E	2,11	1,62	2,24	2,80	3,11	3,25	3,34	3
4	3,00		3,33	3,19	2,96 E	2,12	1,63	2,27	2,81	3,11	3,25	3,34	4
5	3,00		3,33	3,18	2,95 E	2,09	1,64	2,29	2,82	3,11	3,26	3,33	5
6	3,00		3,33	3,18	2,94 E	2,04		2,31	2,84	3,12	3,26	3,33	6
7	2,99		3,33	3,17 E	2,94 E	1,98		2,34	2,85	3,12	3,26	3,32	7
8	2,99		3,33	3,17 E	2,93 E	1,91		2,35	2,86	3,12	3,26	3,31	8
9	2,99		3,33	3,16 E	2,92 E	1,83		2,37	2,88	3,13	3,27	3,30	9
10	3,00		3,33	3,15 E	2,90 E	1,76		2,40	2,89	3,13	3,27	3,28	10
11	2,99		3,34	3,15 E	2,88 E	1,71		2,42	2,90	3,14	3,28	3,27	11
12	2,99		3,34	3,14 E	2,87 E	1,66		2,43	2,92	3,14	3,28	3,26	12
13	2,99		3,34	3,13 E	2,84 E	1,62		2,46	2,93	3,15	3,28	3,24	13
14	2,99		3,34	3,12 E	2,81 E	1,60		2,47	2,94	3,16	3,29	3,24	14
15	2,99		3,34	3,11 E	2,77 E	1,58		2,49	2,96	3,17	3,29	3,24	15
16	2,99		3,34	3,10 E	2,71 E	1,59		2,51	2,97	3,17	3,29	3,24	16
17	2,99		3,34	3,09 E	2,66 E	1,57		2,53	2,98	3,18	3,30	3,23	17
18	3,00		3,34	3,07 E	2,60 E	1,55		2,55	2,99	3,18	3,30	3,23	18
19	3,01		3,34	3,06 E	2,58 E	1,54		2,56	3,00	3,19	3,30	3,23	19
20	3,01		3,34	3,05 E	2,49 E	1,52		2,58	3,01	3,19	3,30	3,23	20
21	3,01		3,33	3,04 E	2,43 E	1,51		2,60	3,02	3,20	3,31	3,23	21
22	3,02	3,27	3,30	3,03 E	2,39 E	1,51	2,05	2,62	3,04	3,20	3,31	3,23	22
23	3,02	3,28	3,27	3,02 E	2,36 E	1,51	2,07	2,63	3,04	3,21	3,31	3,23	23
24	3,03	3,28	3,25	3,02 E	2,33 E	1,51	2,09	2,65	3,04	3,22	3,31	3,22	24
25		3,29	3,24	3,01 E	2,30 E	1,54	2,12	2,66	3,05	3,22	3,31	3,22	25
26		3,29	3,23	3,01 E	2,28 E	1,57	2,15	2,68	3,06	3,22	3,32	3,22	26
27		3,30	3,23	3,00 E	2,26	1,60	2,17	2,69	3,07	3,23	3,32	3,23	27
28		3,31	3,22	3,00 E	2,24	1,61	2,18	2,71	3,07	3,23	3,32	3,23	28
29		3,31	3,21	2,99 E	2,22	1,61	2,17	2,73	3,08	3,23	3,33	3,23	29
30			3,21	2,98 E	2,19	1,59	2,16	2,74	3,09	3,23	3,33	3,23	30
31			3,20		2,17		2,18	2,76		3,24		3,24	31
					-MONTHLY SUMMARY-								
MEAN			3,30	3,10	2,64	1,72		2,50	2,95	3,17	3,29	3,26	MEAN
INST MAX			3,20 (31)	2,98 (30)	2,16 (31)	1,50 (22)		2,19 (1)	2,76 (1)	3,09 (1)	3,24 (1)	3,22 (23)	INST MAX
INST MIN			3,34 (18)	3,20 (1)	2,98 (1)	2,16 (1)		2,76 (31)	3,09 (30)	3,24 (31)	3,33 (30)	3,34 (4)	INST MIN

ENVIRONMENT ONTARIO
TORONTO
SIMCOE COUNTY

OBSERVATION WELL 552

TOWNSHIP OF VESPRA — CONC. 7 — LOT 25

WELL REC #: 5714856
UTM CO-ORD: Z-17 E601300 N4913300
LAT & LONG: 44-22NORTH 79-44WEST

REC METHOD: A-35 RECORDER
REC COMMENCE: OCT. 17 1979
MEASURE PT: 0,20 METRES ABOVE GROUND SURFACE
GND ELEV: 235 METRES ABOVE SEA LEVEL
WELL TYPE: DRILLED
WELL LOG: BLACK MUCK 0,9; LOOSE BROWN SAND 3,0; GREY CLAY 26,8; LAYERED GREY CLAY & SAND 31,4; PACKED GREY SAND 33,9; HARD GREY CLAY 41,5; LAYERED GREY CLAY & FINE SAND 46; PACKED GREY FINE SAND 48,8; HARD GREY CLAY 51,5; PACKED GREY FINE SAND 68,6; HARD GREY CLAY & SILT 77,2; LAYERED GREY CLAY & SAND 80,8; PACKED GREY FINE SAND & FINE GRAVEL 83,8; PACKED GREY CLAY & GRAVEL 85,4; CEMENTED SAND & GRAVEL 86,3; SAND & GRAVEL, BOULDERS 90; GREY SAND & SOME FINE GRAVEL 93,6; HARD PACKED GRAVEL WITH SAND & BOULDERS 103,1; HARD GREY CLAY 105,5.

DIAMETER OF WELL: 5 CM
LENGTH OF CASING: 100,6 METRES
LENGTH OF SCREEN: 3,1 METRES
DEPTH OF WELL: 103,7 METRES

PUMP RATE: 2,66 L/S
SPEC. CAP: 0,15 L/S/M
AQUIFER: SAND AND GRAVEL
QUALITY: FRESH

1980
DAILY MEAN WATER LEVELS IN METRES BELOW GROUND SURFACE

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	8,88	8,72			8,47	9,32	8,85	8,10 E	8,76 E	9,04 E	8,46 E	8,31 E	1
2	9,03	8,72			8,45	9,08	8,86	8,03 E	8,77 E	9,23 E	8,14 E	8,52 E	2
3	9,35	8,61			8,39	8,96	9,13	7,86 E	9,03 E	9,25 E	8,10 E	8,72 E	3
4	9,56				8,23	8,99	9,62	7,71 E	9,11 E	9,03 E	8,33 E	8,98 E	4
5	9,56				8,21	9,26	9,79	7,83 E	9,31 E	8,61 E	8,50 E	9,08 E	5
6	9,33				8,43	9,50	9,52	8,39 E	9,32 E	8,63 E	8,54 E	9,10 E	6
7	9,18				8,46	9,32	9,69	9,14 E	9,08 E	8,97 E	8,58 E	8,79 E	7
8	9,10				8,64	9,05	9,86	9,29 E	9,15 E	9,10 E	8,52 E	8,67 E	8
9	9,08				9,01	9,01	9,75	9,11 E	9,50 E	9,21 E	8,15 E	8,92 E	9
10	9,07				8,93	8,98	9,87	8,68 E	9,66 E	9,25 E	8,08 E	9,04 E	10
11	8,99				8,57	8,93	10,38	8,60 E	9,70 E	9,09 E	8,22 E	9,07 E	11
12	8,95				8,72	8,95	10,41	9,03 E	9,75 E	8,69 E	8,30 E	9,06 E	12
13	8,83				9,08	9,08	9,99	9,33 E	9,56 E	8,46 E	8,51 E	8,80 E	13
14	8,89				9,15	9,14	10,28	9,47 E	9,20 E	8,62 E	8,83 E	8,40 E	14
15	9,17				9,25	8,89	10,44	9,65 E	9,20 E	8,94 E	8,86 E	8,29 E	15
16	9,21				9,26	8,75	10,18	9,57 E	9,37 E	9,11 E	8,75 E	8,29 E	16
17	9,24				9,05	9,18	10,17	9,25 E	9,46 E	9,18 E	8,69 E	8,26 E	17
18	9,23			8,83	8,70	9,49	10,16	9,20 E	9,50 E	8,69 E	8,77 E	7,96 E	18
19	9,18			8,70	8,44	9,53	9,95	9,42 E	9,48 E	8,17 E	8,84 E	7,96 E	19
20	9,00			8,46	8,52	9,47	9,60	9,69 E	9,28 E	8,22 E	8,93 E	8,01 E	20
21	8,99			8,40	8,79	9,34	9,12 E	9,84 E	8,89 E	8,80 E	9,01 E	8,05 E	21
22	9,12	9,04		8,57	9,13	9,05	9,02 E	9,81 E	8,94 E	9,06 E	8,92 E	8,07 E	22
23	9,19	8,95		8,80	9,60	9,12	8,91 E	9,16 E	9,22 E	9,22 E	8,76 E	8,00 E	23
24	9,16	8,79		8,92	9,83	9,57	8,76 E	8,60 E	9,35 E	9,25 E	8,69 E	7,99 E	24
25	8,90	8,90		8,99	9,83	9,97	8,57 E	8,54 E	9,36 E	9,02 E	8,89 E	8,02 E	25
26	8,78	9,23		8,91	9,69	10,19	8,60 E	8,84 E	9,33 E	8,75 E	8,98 E	8,07 E	26
27	8,56	9,27		8,66	9,68	10,35	8,36 E	9,01 E	9,06 E	8,69 E	8,97 E	8,58 E	27
28	8,51	9,30		8,68	9,66	10,14	8,15 E	9,05 E	8,68 E	8,81 E	8,82 E	8,87 E	28
29	8,65	9,29		8,77	9,80	9,49	8,06 E	9,06 E	8,63 E	8,89 E	8,69 E	8,70 E	29
30	8,72			8,71	9,98	9,12	7,98 E	9,15 E	8,91 E	8,77 E	8,32 E	8,80 E	30
31	8,72				9,86		8,12 E	8,94 E		8,62 E		8,68 E	31
					-MONTHLY SUMMARY-								
MEAN	9,08				9,02	9,31	9,36	8,95	9,22	8,86	8,60	8,50	MEAN
INST MAX	8,48 (24)				8,14 (5)	8,61 (16)	7,95 (30)	7,66 (4)	8,54 (29)	8,00 (20)	8,03 (10)	7,92 (23)	INST MAX
INST MIN	9,63 (5)				10,00 (31)	10,35 (28)	10,61 (14)	9,92 (22)	9,77 (12)	9,32 (2)	9,02 (21)	9,15 (6)	INST MIN

ENVIRONMENT ONTARIO
TORONTO
SIMCOE COUNTY

OBSERVATION WELL 373

VILLAGE OF WASAGA BEACH — CONC. - LOT -

WELL REF #: 5709214
UTM CO-ORD: Z-17 E579250 N4931025
LAT & LONG: 44-32NORTH 80-01WEST

REC METHOD: A35 RECORDER
REC COMMCD: OCT 31 1972
MEASURE PT: 1.0 METRES ABOVE GROUND SURFACE
GND ELEV: 180 METRES ABOVE SEA LEVEL
WELL TYPE: DRILLED
WELL LOG: FINE SAND 6.7; SAND AND GRAVEL 9.2; GREY CLAY 26.5; FINE SAND 28.3; CLAY 29.2; FINE SAND 30.8; MEDIUM SAND 36.3; SAND WITH STREAKS OF CLAY 39.7; CLAY AND SILT 51.2; FINESAND 51.9; MEDIUM SAND 56.9; SAND AND GRAVEL 59.2; GREY CLAY 61.

DIAMETER OF WELL: 15 CM
LENGTH OF CASING: 51.9 METRES
LENGTH OF SCREEN: 7.3 METRES
DEPTH OF WELL: 59.2 METRES

PUMP RATE: 34.2 L/S
SPEC. CAP: 1.62 L/S/M
AQUIFER : SAND
QUALITY : FRESH

1980
DAILY MEAN WATER LEVELS IN METRES BELOW GROUND SURFACE

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.43	1.55	1.64	1.49	1.41	1.48	1.58	1.65	1.53	1.44	1.41	1.54	1
2	1.45	1.56	1.62	1.49	1.41	1.47	1.57	1.64	1.45	1.43	1.51	1.53	2
3	1.47	1.56	1.59	1.51	1.40	1.44	1.59	1.64	1.48	1.49	1.52	1.54	3
4	1.48	1.57	1.60	1.47	1.41	1.45	1.60	1.67	1.48	1.46	1.44	1.60	4
5	1.48	1.60	1.59	1.46	1.38	1.48	1.61	1.65	1.42	1.48	1.43	1.62	5
6	1.50	1.61	1.63	1.52	1.40	1.48	1.65	1.61	1.43	1.45	1.45	1.60	6
7	1.36	1.61	1.63	1.52	1.38	1.46	1.67	1.59	1.46	1.45	1.48	1.57	7
8	1.37	1.61	1.63	1.53	1.38	1.41	1.65	1.54	1.47	1.42	1.53	1.49	8
9	1.40	1.61	1.62	1.51	1.40	1.41	1.67	1.54	1.40	1.47	1.47	1.52	9
10	1.50	1.61	1.58	1.47	1.44	1.42	1.68	1.60	1.41	1.49	1.43	1.46	10
11	1.42	1.60	1.52	1.45	1.42	1.44	1.68	1.57	1.40	1.42	1.50	1.50	11
12	1.31	1.60	1.61	1.43	1.43	1.46	1.74	1.50	1.49	1.43	1.53	1.48	12
13	1.48	1.61	1.67	1.42	1.44	1.46	1.79	1.52	1.53	1.46	1.51	1.45	13
14	1.47	1.62	1.58	1.47	1.42	1.47	1.79	1.48	1.48	1.50	1.50	1.39	14
15	1.53	1.63	1.60	1.40	1.45	1.47	1.77	1.47	1.50	1.51	1.50	1.51	15
16	1.59	1.61	1.68	1.42	1.48	1.47	1.76	1.50	1.47	1.51	1.55	1.55	16
17	1.54	1.62	1.61	1.43	1.56	1.46	1.77	1.57	1.44	1.50	1.56	1.45	17
18	1.47	1.61	1.53	1.41	1.52	1.45	1.81	1.54	1.48	1.41	1.53	1.41	18
19	1.45	1.60	1.60	1.42	1.50	1.47	1.84	1.52	1.48	1.43	1.50	1.49	19
20	1.46	1.64	1.59	1.40	1.50	1.39	1.86	1.54	1.46	1.45	1.52	1.48	20
21	1.48	1.66	1.49	1.41	1.47	1.46	1.84	1.56	1.47	1.43	1.48	1.49	21
22	1.45	1.68	1.49	1.44	1.47	1.48	1.82	1.51	1.46	1.48	1.50	1.50	22
23	1.40	1.65	1.56	1.40	1.48	1.47	1.83	1.52	1.42	1.55	1.50	1.51	23
24	1.47	1.62	1.55	1.41	1.49	1.48	1.83	1.54	1.48	1.60	1.51		24
25	1.50	1.63	1.50	1.39	1.51	1.48	1.80	1.53	1.47	1.48	1.52		25
26	1.50	1.64	1.52	1.41	1.51	1.47	1.80	1.51	1.39	1.32	1.53		26
27	1.53	1.55	1.56	1.42	1.50	1.51	1.78	1.52	1.44	1.42	1.60		27
28	1.52	1.61	1.52	1.42	1.51	1.56	1.73	1.56	1.47	1.44	1.56		28
29	1.53	1.64	1.51	1.41	1.53	1.56	1.68	1.54	1.49	1.48	1.46		29
30	1.54		1.50	1.41	1.50	1.54	1.67	1.53	1.46	1.46	1.49		30
31	1.56		1.51		1.45		1.69	1.53		1.38			31
-MONTHLY SUMMARY-													
MEAN	1.47	1.61	1.57	1.44	1.46	1.47	1.73	1.55	1.46	1.46	1.50		MEAN
INST MAX	1.17 (11)	1.52 (1)	1.38 (21)	1.34 (15)	1.34 (6)	1.28 (20)	1.53 (2)	1.45 (15)	1.26 (26)	1.29 (26)	1.36 (1)		INST MAX
INST MIN	1.62 (16)	1.72 (22)	1.73 (16)	1.57 (8)	1.58 (17)	1.63 (28)	1.96 (20)	1.71 (4)	1.58 (20)	1.63 (24)	1.63 (27)		INST MIN

ENVIRONMENT ONTARIO
TORONTO
VICTORIA COUNTY

OBSERVATION WELL 375

TOWNSHIP OF MARIPOSA — CONC. 15 LOT 6

WELL REC #: 6603790
UTM CO-ORD: Z-17 E660200 N4917700
LAT & LONG: 44-24NORTH 78-59WEST

REC METHOD: (F) TYPE RECORDER
REC COMMCD: NOV 9 1972
MEASURE PT: 0.93 METRES ABOVE GROUND SURFACE
GND ELEV: 283 METRES ABOVE SEA LEVEL
WELL TYPE: DRILLED
WELL LOG: PACKED BROWN CLAY AND STONES 2.4; LOOSE BROWN GRAVEL 5.5; LIMESTONE 11.6.

DIAMETER OF WELL: 20 CM
LENGTH OF CASING: 5.5 METRES
LENGTH OF SCREEN: NONE
DEPTH OF WELL: 11.6 METRES

PUMP RATE: 3 L/S
SPEC. CAP: 0.13 L/S/M
AQUIFER : LIMESTONE
QUALITY : FRESH

1980
DAILY MEAN WATER LEVELS IN METRES BELOW GROUND SURFACE

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.21	2.54	2.86	2.36	2.34	2.75	2.71	2.50	2.89	3.01	2.79	2.84	1
2	2.16	2.57	2.90	2.34	2.31	2.71	2.76	2.57	2.86	3.02	2.78	2.81	2
3	2.20	2.59	2.87	2.33	2.39	2.73	2.78	2.54	2.94	2.97	2.79	2.82	3
4	2.23	2.60	2.90	2.30	2.34	2.71	2.77	2.53	2.88	2.95	2.79	2.82	4
5	2.27	2.62	2.90	2.32	2.42	2.77	2.81	2.62	2.96	2.96	2.76		5
6	2.29	2.63	2.91	2.28	2.40	2.78	2.78	2.57	2.89	2.93	2.79		6
7	2.31	2.62	2.91	2.33	2.40	2.66	2.82	2.64	2.99	2.98	2.75		7
8	2.33	2.64	2.92	2.28	2.43	2.71	2.83	2.57	2.94	2.93	2.70		8
9	2.33	2.67	2.93	2.31	2.47	2.68	2.79	2.62	2.98	2.95	2.70		9
10	2.36	2.67	2.93	2.23	2.43	2.72	2.85	2.65	2.95	2.96	2.70		10
11	2.31	2.69	2.94	2.29	2.50	2.72	2.89	2.65	2.92	2.96	2.67		11
12	2.32	2.69	2.95	2.22	2.46	2.74	2.86	2.68	3.01	2.97	2.71		12
13	2.34	2.72	2.92	2.27	2.53	2.78	2.93	2.68	2.95	2.98	2.69		13
14	2.36	2.72	2.95	2.22	2.49	2.73	2.92	2.67	2.99	3.00	2.64		14
15	2.38	2.71	2.97	2.10	2.52	2.75	2.97	2.70	3.00	3.01			15
16	2.38	2.72	2.95	2.18	2.56	2.76	2.83	2.71	2.95	2.96			16
17	2.34	2.74	2.95	2.14	2.54	2.78	2.90	2.73	3.03	3.01			17
18	2.42	2.75	2.87	2.21	2.53	2.74	2.87	2.75	2.96	2.98			18
19	2.40	2.75	2.84	2.16	2.54	2.81	2.92	2.74	3.02	3.01			19
20	2.41	2.75	2.75	2.28	2.57	2.65	2.91	2.76	2.97	2.99			20
21	2.41	2.78	2.57	2.18	2.61	2.69	2.63	2.81	3.03	2.97			21
22	2.43	2.78	2.51	2.25	2.57	2.64	2.67	2.77	3.01	2.96			22
23	2.42	2.74	2.47	2.21	2.67	2.71	2.66	2.84	2.93	2.95		2.80	23
24	2.44	2.79	2.51	2.29	2.63	2.67	2.66	2.85	3.03	2.97		2.50	24
25	2.44	2.85	2.51	2.25	2.71	2.73	2.62	2.82	2.95	2.95			25
26	2.47	2.81	2.50	2.33	2.67	2.74	2.69	2.88	2.96	2.83	2.98		26
27	2.49	2.84	2.44	2.20	2.72	2.76	2.61	2.86	2.98	2.80	3.02		27
28	2.50	2.82	2.41	2.35	2.75	2.74	2.63	2.91	2.92	2.79	3.00		28
29	2.50	2.87	2.36	2.26	2.76	2.73	2.54	2.90	3.02	2.80	3.01		29
30	2.52		2.36	2.30	2.77	2.75	2.47	2.86	2.95	2.79	3.02		30
31	2.53		2.35		2.77		2.55	2.95		2.78			31
-MONTHLY SUMMARY-													
MEAN	2.37	2.71	2.75	2.26	2.54	2.73	2.76	2.72	2.96	2.94			MEAN
INST MAX	2.13 (1)	2.51 (1)	2.31 (30)	2.09 (15)	2.26 (1)	2.62 (21)	2.46 (30)	2.50 (1)	2.85 (3)	2.74 (27)			INST MAX
INST MIN	2.64 (31)	2.98 (29)	3.08 (15)	2.45 (1)	2.86 (31)	2.90 (19)	3.02 (15)	3.01 (31)	3.10 (22)	3.13 (3)			INST MIN

ENVIRONMENT ONTARIO
TORONTO
REGIONAL MUNICIPALITY OF YORK

OBSERVATION WELL 528

TOWNSHIP OF E. GWILLIMBURY   CONC. 5   LOT 26

WELL REC #: 6900491
UTM CO-ORD: 2-17 E627750 N4891917
LAT & LONG: 44-10 NORTH 79-24 WEST

REC METHOD: A71 RECORDER
REC COMMCD: NOV. 30 1976
MEASURE PT: 0.0 METRES ABOVE GROUND SURFACE
GND ELEV: 252 METRES ABOVE SEA LEVEL
WELL TYPE: DUG
WELL LOG: QUICKSAND 5.3.

DIAMETER OF WELL: 91 CM
LENGTH OF CASING: 5.3 METRES
LENGTH OF SCREEN: NONE
DEPTH OF WELL: 5.3 METRES

PUMP RATE: N.A.
SPEC. CAP: N.A.
AQUIFER : QUICKSAND
QUALITY : FRESH

1980
DAILY MEAN WATER LEVELS IN METRES BELOW GROUND SURFACE

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1,60	1,81		1,72		1,69	1,67	1,28	1,60	1,63	1,63	1,66	1
2	1,61	1,82		1,72		1,70	1,67	1,31	1,51	1,64	1,64	1,64	2
3	1,62	1,83		1,71		1,71	1,68	1,32	1,46	1,64	1,64	1,57	3
4	1,62	1,84		1,69		1,71	1,69	1,35	1,46	1,62	1,65	1,52	4
5	1,63	1,85	2,06	1,66		1,73	1,71	1,38	1,49	1,61	1,65	1,52	5
6	1,64	1,86	2,06	1,64		1,74	1,73	1,41	1,51	1,60	1,66	1,52	6
7	1,65	1,88	2,07	1,63		1,75	1,75	1,43	1,54	1,60	1,66	1,53	7
8	1,66	1,89	2,07	1,62		1,75	1,76	1,45	1,57	1,60	1,65	1,50	8
9	1,67	1,90	2,07	1,58	1,46	1,76	1,78	1,46	1,58	1,62	1,64	1,42	9
10	1,69	1,90	2,07	1,53	1,48	1,76	1,80	1,49	1,59	1,63	1,63	1,40	10
11	1,69	1,91	2,07	1,50	1,49	1,77	1,81	1,50	1,60	1,64	1,64	1,40	11
12	1,69	1,93	2,08	1,48	1,51	1,78	1,83	1,45	1,61	1,64	1,65	1,40	12
13	1,68	1,94	2,08	1,46	1,52	1,79	1,84	1,41	1,62	1,65	1,65	1,41	13
14	1,69	1,95	2,08	1,43	1,52	1,80	1,86	1,43	1,62	1,66	1,64	1,42	14
15	1,69	1,96	2,09	1,33	1,53	1,81	1,87	1,46	1,62	1,66	1,63	1,43	15
16	1,70	1,96	2,09	1,30	1,55	1,81	1,88	1,49	1,63	1,67	1,63	1,43	16
17	1,70	1,97	2,07	1,30	1,56	1,82	1,89	1,52	1,64	1,68	1,63	1,44	17
18	1,71	1,98	1,99	1,30	1,55	1,82	1,90	1,53	1,64	1,68	1,63	1,45	18
19	1,72	1,99	1,94	1,30	1,53	1,83	1,91	1,54	1,64	1,67	1,64	1,46	19
20	1,72	1,99	1,86	1,31	1,54	1,83	1,92	1,56	1,65	1,67	1,64	1,48	20
21	1,72	2,00	1,77	1,31	1,55	1,81	1,77	1,58	1,65	1,67	1,65	1,49	21
22	1,72	2,00	1,69	1,32	1,57	1,79	1,54	1,58	1,67	1,69	1,65	1,49	22
23	1,72	2,01	1,73	1,33	1,59	1,78	1,38	1,56	1,65	1,70	1,65	1,50	23
24	1,73	2,01	1,75		1,60	1,79	1,33	1,57	1,62	1,71	1,65	1,50	24
25	1,74		1,76		1,61	1,81	1,36	1,58	1,61	1,70	1,66	1,51	25
26	1,76		1,77		1,62	1,82	1,39	1,59	1,61	1,67	1,66	1,52	26
27	1,77		1,77		1,63	1,79	1,38	1,61	1,61	1,63	1,67	1,53	27
28	1,78		1,75		1,65	1,74	1,36	1,61	1,61	1,61	1,66	1,54	28
29	1,79		1,74		1,66	1,71	1,25	1,61	1,61	1,62	1,65	1,55	29
30	1,80		1,73		1,66	1,69	1,21	1,62	1,62	1,62	1,66	1,55	30
31	1,81		1,73		1,68		1,24	1,62		1,62		1,56	31
					-MONTHLY SUMMARY-								
MEAN	1,70					1,77	1,65	1,49	1,59	1,65	1,65	1,49	MEAN
INST MAX	1,60 (1)					1,68 (30)	1,20 (30)	1,26 (1)	1,45 (3)	1,60 (6)	1,63 (1)	1,40 (10)	INST MAX
INST MIN	1,81 (31)					1,83 (20)	1,92 (20)	1,62 (31)	1,67 (22)	1,71 (24)	1,67 (27)	1,66 (1)	INST MIN

ENVIRONMENT ONTARIO
TORONTO
REGIONAL MUNICIPALITY OF YORK

OBSERVATION WELL 527

TOWNSHIP OF GEORGINA   CONC. 7   LOT 17

WELL REC #: 6913678
UTM CO-ORD: 2-17 E630200 N4903450
LAT & LONG: 44-17 NORTH 79-22 WEST

REC METHOD: A71 RECORDER
REC COMMCD: NOV. 30 1976
MEASURE PT: 0.5 METRES ABOVE GROUND SURFACE
GND ELEV: 223 METRES ABOVE SEA LEVEL
WELL TYPE: DUG
WELL LOG: OVERBURDEN 3.80.

DIAMETER OF WELL: 91 CM
LENGTH OF CASING: 3.8 METRES
LENGTH OF SCREEN: NONE
DEPTH OF WELL: 3.8 METRES

PUMP RATE: N.A.
SPEC. CAP: N.A.
AQUIFER : OVERBURDEN
QUALITY : N.A.

1980
DAILY MEAN WATER LEVELS IN METRES BELOW GROUND SURFACE

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1,96	2,52	2,84	2,09	1,50	2,37	2,60	2,23	2,19	2,41	2,10	2,03	1
2	1,99	2,53	2,85	2,09	1,52	2,38	2,60	2,24	2,19	2,42	2,12	2,00	2
3	2,02	2,54	2,86	2,09	1,54	2,38	2,61	2,25	2,16	2,41	2,11	1,93	3
4	2,04	2,56	2,87	2,05	1,58	2,39	2,62	2,28	2,12	2,38	2,09	1,86	4
5	2,06	2,58	2,87	2,02	1,60	2,41	2,64	2,32	2,11	2,35	2,11	1,82	5
6	2,11	2,60	2,88	2,02	1,64	2,42	2,65	2,35	2,13	2,32	2,11	1,82	6
7	2,11	2,61	2,88	2,00	1,68	2,42	2,67	2,39	2,16	2,29	2,09	1,83	7
8	2,17	2,63	2,89	1,98	1,71	2,41	2,68	2,42	2,18	2,27	2,08	1,81	8
9	2,22	2,64	2,89	1,94	1,74	2,40	2,70	2,43	2,21	2,27	2,05	1,74	9
10	2,26	2,65	2,90	1,89	1,77	2,41	2,71	2,45	2,23	2,28	2,03	1,69	10
11	2,26	2,66	2,90	1,85	1,80	2,44	2,73	2,46	2,25	2,29	2,02	1,66	11
12	2,25	2,68	2,91	1,81	1,85	2,46	2,75	2,47	2,28	2,30	2,02	1,66	12
13	2,27	2,69	2,91	1,79	1,87	2,47	2,76	2,47	2,31	2,32	2,01	1,68	13
14	2,26	2,71	2,91	1,75	1,89	2,49	2,79	2,47	2,32	2,34	2,00	1,69	14
15	2,29	2,72	2,91	1,62	1,93	2,50	2,81	2,47	2,34	2,35	1,98	1,71	15
16	2,30	2,73	2,92	1,55	1,96	2,52	2,82	2,48	2,36	2,36	1,97	1,73	16
17	2,30	2,74	2,92	1,51	2,00	2,53	2,83	2,50	2,37	2,37	1,97	1,75	17
18	2,31	2,75	2,87	1,49	1,99	2,55	2,84	2,52	2,39	2,37	1,97	1,75	18
19	2,33	2,76	2,81	1,49	1,98	2,56	2,86	2,53	2,41	2,37	2,00	1,80	19
20	2,35	2,77	2,70	1,49	1,99	2,56	2,87	2,55	2,42	2,37	2,01	1,83	20
21	2,35	2,78	2,49	1,51	2,02	2,55	2,81	2,57	2,44	2,37	2,02	1,85	21
22	2,35	2,79	2,28	1,53	2,06	2,54	2,67	2,56	2,46	2,38	2,03	1,86	22
23	2,36	2,79	2,20	1,54	2,10	2,53	2,58	2,46	2,45	2,39	2,03	1,87	23
24	2,38	2,80	2,18	1,57	2,13	2,53	2,51	2,31	2,44	2,39	2,03	1,88	24
25	2,40	2,81	2,18	1,59	2,16	2,54	2,48	2,23	2,42	2,37	2,03	1,92	25
26	2,42	2,82	2,20	1,60	2,19	2,55	2,47	2,20	2,40	2,33	2,06	1,93	26
27	2,45	2,82	2,19	1,61	2,23	2,57	2,46	2,20	2,40	2,27	2,03	1,96	27
28	2,46	2,83	2,14	1,61	2,27	2,58	2,43	2,20	2,39	2,21	2,01	1,98	28
29	2,48	2,83	2,10	1,56	2,31	2,59	2,36	2,19	2,39	2,16	2,01	1,99	29
30	2,50		2,09	1,51	2,33	2,59	2,29	2,19	2,40	2,12	2,03	2,00	30
31	2,51		2,08		2,35		2,24	2,19		2,10		2,02	31
					-MONTHLY SUMMARY-								
MEAN	2,28	2,70	2,65	1,74	1,93	2,49	2,64	2,37	2,31	2,32	2,04	1,84	MEAN
INST MAX	1,92 (1)	2,52 (1)	2,08 (31)	1,49 (18)	1,50 (1)	2,36 (1)	2,24 (31)	2,19 (31)	2,11 (5)	2,09 (31)	1,97 (16)	1,66 (12)	INST MAX
INST MIN	2,52 (31)	2,84 (29)	2,92 (17)	2,10 (1)	2,36 (31)	2,59 (30)	2,88 (20)	2,58 (22)	2,46 (22)	2,42 (2)	2,12 (2)	2,03 (1)	INST MIN

ENVIRONMENT ONTARIO
TORONTO
REGIONAL MUNICIPALITY OF YORK — TOWNSHIP OF KING — OS 2 — LOT 19

OBSERVATION WELL 342

WELL REC #: 6902605
UTM CO-ORD: Z-17 E616576 N4876780
LAT & LONG: 44-07NORTH 79-33WEST

REC METHOD: 435 RECORDER
REC COMMCD: MAY 26 1971
MEASURE PT: 1.07METRES ABOVE GROUND SURFACE
GND ELEV: 220 METRES ABOVE SEA LEVEL
WELL TYPE: DRILLED
WELL LOG: CLAY 12,2; LIGHT SAND AND CLAY 62,5; HEAVY RED SAND 70,5; QUICKSAND AND GRAVEL 93,

DIAMETER OF WELL: 15 CM
LENGTH OF CASING: 91,2 METRES
LENGTH OF SCREEN: 0,9 METRES
DEPTH OF WELL: 92,1 METRES

PUMP RATE: 5,7 L/S
SPEC. CAP: 0,02 L/S/M
AQUIFER : SAND
QUALITY : FRESH

1986
DAILY MEAN WATER LEVELS IN METRES BELOW GROUND SURFACE

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	11,79	12,12	11,96	12,08	11,49			12,62	12,77	13,97	12,91	12,70	1
2	11,89	12,19	11,73	12,19	11,55			12,44	12,96	13,71	12,89	12,19	2
3	12,04	12,00	11,79	12,17	11,50			12,24	13,09	13,33	12,82	11,78	3
4	12,01	12,01	11,84	11,89	11,67			12,34	12,92	13,35	12,92	12,17	4
5	11,90	12,00	12,02	11,94	11,64			12,47	12,87	13,19	13,09	11,85	5
6	11,75	12,03	12,06	11,97	11,76			12,76	12,82	13,27	13,23	12,21	6
7	11,84	12,18	12,10	12,04	11,79			12,91	12,71	13,36	13,36	12,26	7
8	12,05	12,31	11,86	12,06	11,70			13,19	12,70	13,35	13,07	12,45	8
9	12,18	12,05	11,66	11,97	11,76			13,17	12,68	13,50	13,02	12,14	9
10	12,08	11,93	11,79	12,04	11,66			12,99	12,78	13,59	12,94	11,52	10
11	12,13	11,94	11,90	12,15	11,57			12,70	12,82	13,27	12,88	11,25	11
12	12,02	12,09	11,88	11,91	11,61			12,23	12,89	13,15	12,19	10,76	12
13	11,96	12,07	11,87	11,96	11,78			12,74	12,85	12,93	12,58	10,86	13
14	11,96	12,18	11,91	11,78	11,75			12,64	12,76	13,06	12,94	11,35	14
15	12,18	12,07	11,83	11,79	11,80			12,80	12,75	13,27	13,22	11,29	15
16	12,20	11,92	11,74	11,85	11,88			12,81	12,86	13,27	13,14	11,51	16
17	12,15	11,84	11,70	11,96	11,91			12,78	12,87	13,39	13,12	11,13	17
18	12,16	11,87	11,79	11,99	11,57			12,63	12,88	13,13	13,34	10,87	18
19	12,30	11,87	11,79	11,93	11,44			12,92	13,02	13,16	13,44	11,32	19
20	11,98	12,09	11,81	11,69	11,68			13,16	13,22	12,92	13,40	11,67	20
21	12,10	12,00	11,83	11,52	11,77		12,60	13,11	13,15	13,04	13,44	11,64	21
22	12,01	11,93	11,88	10,06	11,87		12,64	13,25	13,20	13,13	13,47	11,05	22
23	12,16	11,80	11,82	9,83	11,96		12,64	13,13	13,57	13,19	13,50	10,86	23
24	12,19	11,64	11,80	10,82	12,04		12,62	12,89	14,77	13,31	13,41	10,86	24
25	12,15	11,75	11,87	11,15	12,03		12,79	12,97	15,81	13,29	13,63		25
26	12,08	11,82	11,99	11,26	12,09		12,56	13,30	16,08	13,00	13,61		26
27	12,01	11,91	12,07	11,32			12,36	13,40	14,57	12,80	13,70		27
28	12,14	11,95	12,13	11,28			12,35	13,86	14,02	12,89	13,47	9,93	28
29	12,20	12,06	11,96	11,36			12,36	13,67	13,93	13,00	13,42	10,45	29
30	12,12		11,83	11,39			12,50	13,42	13,93	13,08	13,19	10,15	30
31	12,11		11,90				12,48	12,89		13,09		10,05	31
					-MONTHLY SUMMARY-								
MEAN	12,06	11,99	11,87	11,64				12,92	13,34	13,23	13,18		MEAN
INST MAX	11,06 (7)	11,01 (25)	11,03 (10)	9,22 (23)				11,61 (12)	12,05 (7)	12,04 (28)	11,41 (12)		INST MAX
INST MIN	12,84 (28)	12,66 (8)	12,49 (29)	12,56 (3)				14,29 (30)	16,73 (26)	14,45 (1)	14,09 (27)		INST MIN

ENVIRONMENT ONTARIO
TORONTO
REGIONAL MUNICIPALITY OF YORK — TOWNSHIP OF KING — CONC. 3 — LOT 9

OBSERVATION WELL 343

WELL REC #: 6910967
UTM CO-ORD: Z-17 E615075 N4880425
LAT & LONG: 44-08NORTH 79-34WEST

REC METHOD: 435 RECORDER
REC COMMCD: MAY 26 1971
MEASURE PT: 0,6 METRES ABOVE GROUND SURFACE
GND ELEV: 220 METRES ABOVE SEA LEVEL
WELL TYPE: DUG
WELL LOG: PEAT (MUCK) 3,5,

DIAMETER OF WELL: 91 CM
LENGTH OF CASING: 3,5 METRES
LENGTH OF SCREEN: NONE
DEPTH OF WELL: 3,5 METRES

PUMP RATE: N.A.
SPEC. CAP: N.A.
AQUIFER : PEAT
QUALITY : FRESH

1986
DAILY MEAN WATER LEVELS IN METRES BELOW GROUND SURFACE

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0,28	0,59	0,77	0,50	0,31	0,58	0,59	0,41	0,70	0,58	0,43	0,86	1
2	0,30	0,60	0,78	0,50	0,30	0,59	0,59	0,41	0,68	0,58	0,43	0,87	2
3	0,31	0,61	0,78	0,50	0,30	0,59	0,59	0,42	0,66	0,58	0,43	0,85	3
4	0,32	0,62	0,79	0,49	0,30	0,60	0,59	0,42	0,65	0,57	0,43	0,85	4
5	0,34	0,63	0,80	0,47	0,31	0,60	0,60	0,43	0,64	0,55	0,44	0,85	5
6	0,35	0,64	0,80	0,46	0,33	0,61	0,60	0,44	0,63	0,55	0,44	0,87	6
7	0,38	0,65	0,81	0,45	0,34	0,62	0,62	0,45	0,62	0,54	0,44	0,89	7
8	0,41	0,66	0,81	0,44	0,36	0,62	0,62	0,47	0,62	0,53	0,46	0,91	8
9	0,43	0,67	0,82	0,42	0,37	0,63	0,64	0,49	0,62	0,52	0,47	0,90	9
10	0,45	0,68	0,82	0,40	0,39	0,63	0,65	0,50	0,62	0,52	0,49	0,90	10
11	0,46	0,69	0,82	0,38	0,41	0,64	0,66	0,51	0,63	0,51	0,51	0,91	11
12	0,45	0,69	0,80	0,37	0,41	0,65	0,67	0,52	0,63	0,51	0,52	0,92	12
13	0,45	0,70	0,79	0,36	0,43	0,66	0,69	0,54	0,63	0,51	0,54	0,94	13
14	0,46	0,71	0,79	0,38	0,44	0,66	0,69	0,55	0,64	0,52	0,55	0,96	14
15	0,47	0,71	0,79	0,18	0,44	0,66	0,69	0,56	0,64	0,52	0,56	0,98	15
16	0,48	0,72	0,79	0,15	0,46	0,66	0,69	0,57	0,63	0,53	0,57	1,00	16
17	0,49	0,72	0,79	0,18	0,47	0,66	0,70	0,58	0,63	0,53	0,59	1,03	17
18	0,50	0,73	0,74	0,21	0,47	0,66	0,70	0,60	0,63	0,52	0,61	1,07	18
19	0,50	0,73	0,67	0,24	0,47	0,66	0,71	0,62	0,63	0,52	0,63	1,10	19
20	0,51	0,74	0,61	0,25	0,47	0,65	0,72	0,63	0,63	0,51	0,65	1,14	20
21	0,51	0,74	0,56	0,27	0,48	0,63	0,69	0,64	0,63	0,51	0,67	1,17	21
22	0,52	0,74	0,52	0,28	0,49	0,61	0,64	0,66	0,63	0,51	0,70	1,19	22
23	0,52	0,75	0,50	0,30	0,49	0,60	0,59	0,67	0,62	0,51	0,73	1,17	23
24	0,53	0,75	0,49	0,32	0,50	0,59	0,56	0,67	0,61	0,50	0,75	1,13	24
25	0,53	0,75	0,49	0,33	0,51	0,59	0,53	0,69	0,60	0,50	0,76	1,10	25
26	0,54	0,76	0,49	0,34	0,52	0,58	0,52	0,70	0,60	0,48	0,78	1,07	26
27	0,55	0,76	0,49	0,34	0,53	0,59	0,51	0,71	0,59	0,47	0,80	1,03	27
28	0,55	0,76	0,49	0,35	0,54	0,59	0,50	0,71	0,58	0,45	0,82	1,00	28
29	0,57	0,76	0,50	0,34	0,55	0,60	0,47	0,71	0,58	0,44	0,83	0,96	29
30	0,58		0,50	0,32	0,56	0,60	0,43	0,70	0,56	0,44	0,85	0,92	30
31	0,59		0,50		0,57		0,42	0,70		0,43		0,89	31
						-MONTHLY SUMMARY-							
MEAN	0,46	0,70	0,68	0,35	0,44	0,62	0,61	0,57	0,63	0,51	0,60	0,98	MEAN
INST MAX	0,27 (1)	0,59 (1)	0,49 (26)	0,14 (15)	0,30 (3)	0,57 (1)	0,41 (31)	0,41 (1)	0,58 (30)	0,43 (30)	0,43 (1)	0,85 (4)	INST MAX
INST MIN	0,59 (31)	0,76 (28)	0,83 (9)	0,50 (1)	0,57 (31)	0,66 (17)	0,72 (21)	0,72 (27)	0,70 (1)	0,58 (1)	0,85 (30)	1,20 (22)	INST MIN

ENVIRONMENT ONTARIO
TORONTO
REGIONAL MUNICIPALITY OF YORK — TOWNSHIP OF KING — CONC. 8 LOT 8

OBSERVATION WELL 538

WELL REC #: 6914591
UTM CO-ORD: Z-17 E608400 N4862675
LAT & LONG: 43-54NORTH 79-39WEST

REC METHOD: A-71 RECORDER
REC COMMCD: JUL. 24 1978
MEASURE PT: 0.0 METRES ABOVE GROUND SURFACE
GND ELEV: 274.5 METRES ABOVE SEA LEVEL
WELL TYPE: DUG
WELL LOG: OVERBURDEN 6.7.

DIAMETER OF WELL: 121.9 CM
LENGTH OF CASING: NONE
LENGTH OF SCREEN: NONE
DEPTH OF WELL: 6.65 METRES

PUMP RATE: N.A.
SPEC. CAP: N.A.
AQUIFER : OVERBURDEN
QUALITY : FRESH

1980
DAILY MEAN WATER LEVELS IN METRES BELOW GROUND SURFACE

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.26	1.90				2.03		1.55	2.38	2.42			1
2	1.29	1.93				2.05		1.63	2.33	2.42			2
3	1.33	1.97				1.98		1.59	2.33	2.39			3
4	1.33	2.00				1.98		1.67	2.35	2.29			4
5	1.33	2.04				2.02		1.75	2.37	2.32			5
6	1.31	2.07				2.05		1.82	2.38	2.36			6
7	1.32	2.06				2.06		1.88	2.39	2.38			7
8	1.29				1.43	2.07		1.92	2.40	2.40			8
9	1.27				1.48	2.09		1.95	2.41	2.43			9
10	1.28				1.54	2.11		2.00	2.42	2.44			10
11	1.55				1.58	2.15		2.04	2.42	2.45			11
12	1.76				1.64	2.18		2.07	2.42				12
13	1.70				1.67	2.19			2.43				13
14	1.66				1.60	2.18			2.42		2.17		14
15	1.62				1.60	2.18			2.42		2.08		15
16	1.62				1.66	2.17	2.27		2.43		2.06		16
17	1.63				1.70	2.14	2.28		2.42		2.06		17
18	1.64				1.60	2.14	2.30		2.40		2.07		18
19	1.65				1.50	2.15	2.32		2.41				19
20	1.66				1.50	1.96	2.31		2.42				20
21	1.70				1.55	1.97	2.17		2.43				21
22	1.74				1.62	2.03	2.13		2.43				22
23	1.76			1.33	1.69	2.06	2.06		2.32				23
24	1.77			1.39	1.75	2.09	2.12		2.33				24
25	1.76			1.41	1.80	2.12	2.17		2.36				25
26	1.78			1.41	1.85	2.13	2.20		2.35				26
27	1.79			1.44	1.89	2.15	2.22		2.36				27
28	1.81			1.36	1.92		1.85	2.37	2.38				28
29	1.83			1.02	1.95		1.25	2.38	2.40				29
30	1.86			1.01	1.98		1.35	2.38	2.41				30
31	1.87				2.00		1.45	2.38					31
					-MONTHLY SUMMARY-								
MEAN	1.59								2.39				MEAN
INST MAX	1.26 (1)								2.31 (23)				INST MAX
INST MIN	1.89 (31)								2.44 (22)				INST MIN

ENVIRONMENT ONTARIO
TORONTO
REGIONAL MUNICIPALITY OF YORK — TOWNSHIP OF KING — CONC. 3 LOT 8

OBSERVATION WELL 540

WELL REC #: 6914593
UTM CO-ORD: Z-17 E619610 N4866430
LAT & LONG: 43-56NORTH 79-31WEST

REC METHOD: A-71 RECORDER
REC COMMCD: JUL. 27 1978
MEASURE PT: 0.4 METRES ABOVE GROUND SURFACE
GND ELEV: 289.8 METRES ABOVE SEA LEVEL
WELL TYPE: DUG
WELL LOG: OVERBURDEN 9.2.

DIAMETER OF WELL: 91.4 CM
LENGTH OF CASING: 9.2 METRES
LENGTH OF SCREEN: NONE
DEPTH OF WELL: 9.2 METRES

PUMP RATE: N.A.
SPEC. CAP: N.A.
AQUIFER : OVERBURDEN
QUALITY : FRESH

1980
DAILY MEAN WATER LEVELS IN METRES BELOW GROUND SURFACE

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.53	0.76	1.08	0.56	0.50	0.65	0.87	0.54	1.10	1.40	1.10		1
2	0.53	0.80	1.11	0.57	0.50	0.61	0.89	0.55	1.03	1.41	1.11		2
3	0.54	0.84	1.15	0.57	0.50	0.56	0.95	0.51	1.04	1.41	1.12		3
4	0.54	0.86	1.17	0.48	0.52	0.58	1.00	0.54	1.08	1.39	1.10		4
5	0.53	0.87	1.17	0.50	0.53	0.65	1.04	0.56	1.12	1.38	1.09		5
6	0.55	0.89	1.16	0.52	0.53	0.66	1.07	0.59	1.16	1.37	1.09		6
7	0.53	0.90	1.14	0.52	0.53	0.62	1.10	0.64	1.19	1.37	1.07		7
8	0.54	0.92	1.06	0.46	0.53	0.65	1.12	0.64	1.22	1.38	1.00		8
9	0.55	0.93	1.07	0.42	0.53	0.67	1.14	0.66	1.24	1.41	0.97		9
10	0.56	0.94	0.90	0.45	0.56	0.70	1.16	0.71	1.25	1.42	0.93		10
11	0.48	0.94	0.78	0.49	0.56	0.73	1.18	0.75	1.27	1.43	0.93		11
12	0.51	0.96	0.91	0.47	0.54	0.76	1.20	0.73	1.29	1.44	0.93		12
13	0.51	0.97	0.95	0.49	0.52	0.79	1.22	0.78	1.31	1.46	0.94		13
14	0.49	0.97	0.99	0.45	0.51	0.82	1.24	0.80	1.31	1.47	0.93		14
15	0.50	0.97	1.04	0.44	0.52	0.76	1.22	0.84	1.32	1.48	0.85		15
16	0.52	0.97	1.06	0.49	0.53	0.78	1.18	0.88	1.33	1.49	0.83		16
17	0.50	0.99	0.95	0.50	0.53	0.83	1.16	0.91	1.33	1.49	0.84		17
18	0.51	1.00	0.67	0.50	0.49	0.86	1.18	0.91	1.34	1.47	0.85		18
19	0.52	1.01	0.67	0.50	0.51	0.85	1.21	0.92	1.35	1.45	0.86		19
20	0.52	1.01	0.57	0.49	0.52	0.54	1.17	0.96	1.36	1.44	0.85		20
21	0.52	1.02	0.46	0.50	0.52	0.62	0.89	0.99	1.37	1.46			21
22	0.52	1.00	0.59	0.51	0.53	0.72	0.90	0.99	1.38	1.46			22
23	0.53	0.98	0.46	0.51	0.53	0.78	0.92	0.95	1.35	1.46			23
24	0.56	0.95	0.53	0.51	0.56	0.84	0.99	1.01	1.34	1.46			24
25	0.61	0.97	0.53	0.50	0.56	0.88	1.05	1.05	1.35	1.43			25
26	0.63	0.98	0.55	0.51	0.58	0.92	1.07	1.07	1.35	1.12			26
27	0.63	0.98	0.55	0.51	0.59	0.96	1.03	1.09	1.34	1.07			27
28	0.63	1.02	0.56	0.46	0.61	0.91	0.89	1.08	1.35	1.06			28
29	0.65	1.04	0.56	0.46	0.62	0.83	0.50	1.07	1.37	1.07			29
30	0.68		0.57	0.49	0.65	0.80	0.92	1.09	1.38	1.08			30
31	0.72		0.94		0.85		0.93	1.10		1.08			31
					-MONTHLY SUMMARY-								
MEAN	0.95	0.95	0.83	0.49	0.56	0.74	1.02	0.86	1.27	1.36			MEAN
INST MAX	0.63 (11)	0.76 (1)	0.43 (21)	0.33 (14)	0.46 (2)	0.51 (3)	0.44 (29)	0.44 (2)	1.02 (3)	1.06 (28)			INST MAX
INST MIN	0.76 (31)	1.06 (29)	1.18 (4)	0.59 (3)	0.67 (31)	0.97 (28)	1.25 (14)	1.11 (28)	1.39 (30)	1.49 (17)			INST MIN

ENVIRONMENT ONTARIO
TORONTO
REGIONAL MUNICIPALITY OF YORK

OBSERVATION WELL 106

TOWNSHIP OF MARKHAM CONC. 3 LOT 6

WELL REC #: 6911674
UTM CO-ORD: Z-17 E632292 N4856345
LAT & LONG: 43-58NORTH 79-21-EST

REC METHOD: "F" TYPE RECORDER
REC COMMCD: SEP 15 1963
MEASURE PT: 0,5 METRES ABOVE GROUND SURFACE
GND ELEV: 185 METRES ABOVE SEA LEVEL
WELL TYPE: DRILLED
WELL LOG: SANDY CLAY, GRAVEL 12,2; DIRTY SILT 12,3; DIRTY SAND ANDGRAVEL 18,3; SAND AND GRAVEL 21,6; SAND, GRAVEL AND BOULDERS 26; FINE SAND 30,2; HARD PACKED SAND, GRAY EL 31,7.

DIAMETER OF WELL: 20 CM
LENGTH OF CASING: 26,4 METRES
LENGTH OF SCREEN: 5,3 METRES
DEPTH OF WELL: 31,7 METRES

PUMP RATE: N.A.
SPEC. CAP: N.A.
AQUIFER : SAND AND GRAVEL
QUALITY : FRESH

1986
DAILY MEAN WATER LEVELS IN METRES BELOW GROUND SURFACE

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	13,18	13,27	13,37	13,34	13,15	13,12	13,13	13,11	13,18	13,23	13,20	13,21	1
2	13,19	13,28	13,34	13,35	13,14	13,11	13,13	13,10	13,17	13,23	13,24	13,20	2
3	13,22	13,28	13,31	13,34	13,12	13,11	13,13	13,09	13,19	13,24	13,23	13,22	3
4	13,22		13,30	13,27	13,11	13,14	13,13	13,10	13,19	13,24	13,18	13,26	4
5	13,19		13,29	13,30	13,08	13,14	13,11	13,11	13,17	13,28	13,19	13,24	5
6	13,19		13,35	13,34		13,09		13,11	13,18	13,29	13,19	13,22	6
7	13,15	13,30	13,35	13,33		13,08		13,10		13,26	13,18	13,20	7
8	13,22	13,32	13,33	13,31		13,09		13,08		13,23	13,20	13,18	8
9	13,24	13,30	13,33	13,28	13,12	13,08	13,19	13,08		13,27	13,19	13,16	9
10	13,24	13,27	13,31	13,27	13,12	13,11	13,19	13,10	13,19	13,27	13,21	13,17	10
11	13,16	13,25	13,33	13,29	13,09	13,15	13,18	13,10	13,19	13,23	13,25	13,17	11
12	13,21	13,27	13,38	13,27	13,12	13,15	13,19	13,09	13,21	13,24	13,25	13,14	12
13	13,23	13,31	13,37	13,28	13,11	13,12	13,20	13,12	13,21	13,28	13,23	13,13	13
14	13,20	13,31	13,34	13,25	13,11	13,09	13,21	13,11	13,19	13,29	13,21	13,13	14
15	13,24	13,31	13,39	13,21	13,14	13,09	13,20	13,11	13,20	13,29	13,22	13,13	15
16	13,23	13,25	13,39	13,26	13,16	13,12	13,19	13,13	13,21	13,29	13,24	13,12	16
17	13,20	13,27	13,33	13,27	13,15	13,12	13,19	13,15	13,20	13,27	13,24	13,12	17
18	13,20	13,30	13,35	13,24	13,10	13,11	13,22	13,13	13,23	13,26	13,21	13,10	18
19	13,22	13,30	13,38	13,22	13,09	13,09	13,22	13,13	13,24	13,23	13,21	13,12	19
20	13,22	13,29	13,35	13,20	13,11	13,09	13,21	13,13	13,22	13,23	13,22	13,17	20
21	13,20	13,30	13,29	13,19	13,10	13,12	13,21	13,13	13,21	13,24	13,21	13,17	21
22	13,16	13,29	13,34	13,18	13,10	13,12	13,21	13,14	13,21	13,28	13,23	13,16	22
23	13,16	13,30	13,37	13,16	13,10	13,12	13,20	13,16	13,23	13,31	13,23	13,13	23
24	13,18	13,31	13,34	13,16	13,09	13,11	13,20	13,16	13,26	13,27	13,22	13,10	24
25	13,21	13,32	13,32	13,16	13,08	13,11	13,20	13,16	13,24	13,21	13,22	13,12	25
26	13,25	13,34	13,35	13,18	13,11	13,09	13,20	13,17	13,23	13,20	13,26	13,13	26
27	13,26	13,29	13,37	13,17	13,13	13,11	13,20	13,17	13,26	13,24	13,24	13,14	27
28	13,25	13,32	13,35	13,16	13,13	13,11	13,20	13,19	13,27	13,23	13,19	13,15	28
29	13,26	13,35	13,33	13,15	13,13	13,08	13,19	13,19	13,27	13,24	13,17	13,14	29
30	13,28		13,32	13,15	13,12	13,10	13,16	13,18	13,25	13,24	13,20	13,14	30
31	13,27		13,32		13,11		13,14	13,18		13,21		13,14	31
						-MONTHLY SUMMARY-							
MEAN	13,21		13,34	13,24		13,11		13,13		13,25	13,22	13,16	MEAN
INST MAX	13,12 (7)		13,28 (21)	13,15 (30)		13,06 (8)		13,07 (9)		13,19 (26)	13,17 (7)	13,10 (18)	INST MAX
INST MIN	13,28 (30)		13,40 (16)	13,35 (3)		13,15 (12)		13,19 (28)		13,31 (23)	13,26 (26)	13,26 (4)	INST MIN

ENVIRONMENT ONTARIO
TORONTO
REGIONAL MUNICIPALITY OF YORK

OBSERVATION WELL 305

TOWNSHIP OF MARKHAM CONC. 9 LOT 26

WELL REC #: 6910969
UTM CO-ORD: Z-17 E642160 N4866300
LAT & LONG: 43-56NORTH 79-14-EST

REC METHOD: "F" TYPE RECORDER
REC COMMCD: JUNE 1970
MEASURE PT: 0,2 METRES ABOVE GROUND SURFACE
GND ELEV: 237 METRES ABOVE SEA LEVEL
WELL TYPE: DUG
WELL LOG: OVERBURDEN TILL 6,1.

DIAMETER OF WELL: 122 CM
LENGTH OF CASING: 6,1 METRES
LENGTH OF SCREEN: NONE
DEPTH OF WELL: 20 METRES

PUMP RATE: N.A.
SPEC. CAP: N.A.
AQUIFER : TILL
QUALITY : FRESH

1986
DAILY MEAN WATER LEVELS IN METRES BELOW GROUND SURFACE

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0,93				0,72	1,36	1,31	1,06	1,36	1,38	1,06		1
2	0,96				0,78	1,35	1,32	1,12	1,04	1,39	1,09		2
3	0,97				0,82	1,33	1,35	1,11	0,99	1,36	1,11		3
4	1,00			1,04	0,84	1,29	1,38	1,15	0,98	1,30	1,13		4
5	1,03			0,98	0,88	1,30	1,41	1,20	1,08	1,23	1,13	1,09	5
6	1,06			1,00		1,30		1,22	1,17	1,19	1,15	1,09	6
7	1,07	1,42		1,02		1,28		1,25	1,24	1,18	1,15	1,05	7
8	1,10	1,42		1,00		1,27		1,24		1,18	1,09	1,39	8
9	1,12	1,43		0,78	0,99	1,28	1,47	1,22		1,22	1,06	1,40	9
10	1,15	1,43		0,71	1,01	1,29	1,48	1,24	1,39	1,25	1,09	1,42	10
11	1,11	1,44		0,76	1,03	1,30	1,49	1,28	1,42	1,27	1,10	1,44	11
12	1,06	1,45		0,77	1,06	1,33	1,49	1,30	1,44	1,28	1,10	1,46	12
13	1,02	1,45		0,76	1,07	1,36	1,50	1,32	1,46	1,31	1,13	1,47	13
14	1,05	1,46		0,70	1,03	1,39	1,51	1,36	1,44	1,34	1,09	1,48	14
15	1,08	1,46		0,50	1,02	1,40	1,52	1,38	1,44	1,36	1,09	1,49	15
16	1,09	1,46		0,62	1,05	1,39	1,52	1,41	1,46	1,38	1,09	1,50	16
17	1,10	1,47		0,72	1,09	1,41	1,52	1,43	1,47	1,37	1,03	1,51	17
18	1,08	1,47		0,78	1,06	1,42	1,52	1,44	1,47	1,25	1,01	1,53	18
19	1,08	1,48		0,82	1,01	1,42	1,53	1,46	1,47	1,15	1,00	1,54	19
20	1,08	1,48		0,84	1,01	1,36	1,52	1,48	1,48	1,12	1,00	1,54	20
21	1,09	1,48		0,87	1,04	1,30	1,44	1,49	1,48	1,11	1,01	1,54	21
22	1,10	1,48		0,90	1,09	1,32	1,39	1,49	1,49	1,12	1,04	1,54	22
23	1,12	1,48		0,92	1,11	1,35	1,35	1,50	1,45	1,13	1,07	1,55	23
24	1,14	1,48		0,94	1,12	1,38	1,32	1,51	1,40	1,15	1,06	1,56	24
25	1,19	1,47		0,95	1,17	1,40	1,34	1,52	1,38	1,11	1,07	1,56	25
26	1,23	1,46		0,96	1,23	1,42	1,37	1,53	1,36	0,86		1,56	26
27	1,25	1,46		0,96	1,28	1,43	1,38	1,54	1,33	0,89		1,56	27
28	1,27	1,47		0,84	1,30	1,41	1,36	1,54	1,33	0,94			28
29		1,47		0,63	1,32	1,35	1,20	1,58	1,34	0,98			29
30				0,66	1,34	1,31	1,06	1,53	1,36	1,00			30
31					1,35		1,03	1,46		1,03			31
						-MONTHLY SUMMARY-							
MEAN						1,35		1,37		1,19			MEAN
INST MAX						1,27 (8)		1,03 (1)		0,86 (26)			INST MAX
INST MIN						1,44 (27)		1,54 (30)		1,40 (2)			INST MIN

ENVIRONMENT ONTARIO
TORONTO
METROPOLITAN TORONTO

OBSERVATION WELL 090

BOROUGH OF NORTH YORK CONC. - LOT -

WELL REC #: N905098
UTM CO-ORD: 7-17 E626320 N4845890
LAT & LONG: 43-46NORTH 79-26WEST

REC METHOD: A35 RECORDER
REC COMMENC: APR 7 1961
MEASURE PT: 0.3 METRES ABOVE GROUND SURFACE
GND ELEV: 145 METRES ABOVE SEA LEVEL
WELL TYPE: DRILLED
WELL LOG: SOIL AND SAND 0.9; SAND AND GRAVEL 4; SAND, GRAVEL AND SOME CLAY 12.2; PACKED SAND, CLAY 17.1; SAND, GRAVEL AND CLAY 18; CONGLOMERATE, SOME CLAY 22; CEMENTED GRAVEL 22.9; CEMENTED GRAVEL CLAY, 25.3; SAND, GRAVEL AND CLAY 127; GRAVEL AND SOME CLAY 132; SAND AND GRAVEL 150.

DIAMETER OF WELL: 41 CM
LENGTH OF CASING: 80 METRES
LENGTH OF SCREEN: 4.6 METRES
DEPTH OF WELL: 84.6 METRES

PUMP RATE: 82.5 L/S
SPEC. CAP: 0.45 L/S/M
AQUIFER: SAND AND GRAVEL
QUALITY: FRESH

1980
DAILY MEAN WATER LEVELS IN METRES BELOW GROUND SURFACE

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.07	1.13		0.85 E	0.96	1.01	1.04	1.08	1.05	1.04		1.10	1
2	1.08			0.84 E	0.97	0.97	1.05	0.98	1.05	1.01		1.06	2
3				0.96 E	0.95	0.98	1.06	0.96	1.12	1.04		1.19	3
4	1.13			0.89	0.94	1.07	1.05	1.03	1.12	1.02		1.27	4
5	1.09		0.77 E	0.95	0.86	1.11	0.99	1.04	1.10	1.14		1.24	5
6	1.08		0.89 E	1.06	0.87	1.04	1.06	1.08	1.10	1.12		1.20	6
7	0.96		0.88 E	1.05	0.89		1.06	1.08	1.10	1.04			7
8	1.09		0.80 E	1.03	0.93		0.99	1.03	1.12	1.09			8
9	1.16		0.81 E	0.96	0.95		1.06	1.03	1.07	1.12			9
10	1.17		0.74 E	0.95	0.97	0.98	1.01	1.06	1.09	1.00			10
11	0.95		0.79 E	1.01	0.91	1.08	0.98	1.04	1.06				11
12	1.09		0.93 E	0.98	0.96	1.14	1.02	1.02	1.12				12
13	1.11		0.87 E	1.02	0.93	1.10	1.05	1.07	1.12			1.07	13
14	1.08		0.80 E	0.97	0.95	1.03	1.06	1.04	1.06			1.08	14
15	1.15		0.95 E	0.84	1.03	0.99	1.08	1.08	1.10		1.18	1.11	15
16	1.13		0.95 E	0.99	1.09	1.06	0.99	1.09	1.07		1.24	1.10	16
17	1.04		0.79 E	1.09	1.09	1.09	0.98	1.13	1.02		1.21	1.11	17
18	1.05		0.84 E	1.05	0.97	1.04	1.06	1.08	1.13		1.14	1.03	18
19	1.08		0.90 E	1.03	0.99	1.02	1.06	1.07	1.15		1.17	1.16	19
20	1.09		0.82 E	0.99	1.02	0.97	1.05	1.07	1.09		1.10	1.25	20
21	1.03		0.84 E	1.00	1.01	1.05	1.04	1.06	1.06		1.12	1.27	21
22	0.92		0.79 E	0.98	1.01	1.07	1.03	1.07	1.04		1.19	1.25	22
23	0.88		0.88 E	0.91	1.00	1.07	1.03	1.13	1.07		1.18	1.14	23
24	0.91		0.80 E	0.93	0.97	1.06	1.07	1.14	1.14		1.14	1.11	24
25	0.94		0.80 E	0.93	0.96	1.05	1.07	1.13	1.10		1.19	1.21	25
26	1.05		0.89 E	0.98	1.02	1.02	1.06	1.11	1.09		1.25	1.18	26
27	1.08		0.92 E	0.97	1.05	1.03	1.06	1.10	1.16		1.19	1.25	27
28	1.08		0.88 E	0.94	1.05	1.04	1.03	1.14	1.16		1.02	1.23	28
29	1.10		0.82 E	0.92	1.05	0.98	1.00	1.14	1.17		0.96	1.16	29
30	1.16		0.82 E	0.93	1.01	0.97	1.01	1.10	1.10		1.06	1.17	30
31	1.13		0.76 E		0.98		1.08	1.07				1.14	31
-MONTHLY SUMMARY-													
MEAN				0.97	0.98		1.03	1.07	1.10				MEAN
INST MAX				0.82 (1)	0.84 (5)		0.96 (17)	0.95 (3)	0.97 (17)				INST MAX
INST MIN				1.11 (17)	1.11 (16)		1.09 (7)	1.16 (28)	1.19 (29)				INST MIN

ENVIRONMENT ONTARIO
TORONTO
REGIONAL MUNICIPALITY OF YORK

UBSERVATION WELL 539

TOWNSHIP OF VAUGHAN CONC. 9 LOT 17

WELL REC #: 6914592
UTM CO-ORD: 7-17 L 609300 N4851600
LAT & LONG: 43-48NORTH 79-38WEST

REC METHOD: A-71 RECORDER
REC COMMENC: JUL. 31 1978
MEASURE PT: 0.0 METRES ABOVE GROUND SURFACE
GND ELEV: 192.2 METRES ABOVE SEA LEVEL
WELL TYPE: DUG
WELL LOG: OVERBURDEN 9.0.

DIAMETER OF WELL: 91.4 CM
LENGTH OF CASING: NONE
LENGTH OF SCREEN: NONE
DEPTH OF WELL: 9.0 METRES

PUMP RATE: N.A.
SPEC. CAP: N.A.
AQUIFER: OVERBURDEN
QUALITY: FRESH

1980
DAILY MEAN WATER LEVELS IN METRES BELOW GROUND SURFACE

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.00	1.35	1.58	1.21	0.85	1.24	1.18	1.09	1.34	1.43	1.23		1
2	1.03	1.36	1.59	1.22	0.89	1.23	1.19	1.12	1.33	1.44	1.24		2
3	1.05	1.36	1.60	1.22	0.91	1.22	1.20	1.14	1.33	1.43	1.25		3
4	1.08	1.36	1.61	1.17	0.94	1.21	1.21	1.16	1.34	1.38	1.26		4
5	1.10	1.36	1.61	1.13	0.97	1.20	1.22	1.17	1.34	1.36	1.26		5
6	1.11	1.37	1.63	1.12	0.99	1.21	1.23	1.18	1.34	1.35	1.27		6
7	1.12	1.38	1.63	1.13	1.02	1.21	1.24	1.20	1.35	1.33	1.27		7
8	1.12	1.39	1.64	1.12	1.05	1.20	1.23	1.21	1.36	1.32	1.27		8
9	1.12	1.40	1.64	0.96	1.08	1.20	1.22	1.22	1.36	1.31	1.27		9
10	1.13	1.41	1.65	0.92	1.10	1.20	1.22	1.23	1.37	1.31	1.26		10
11	1.15	1.42	1.66	0.92	1.12	1.21	1.23	1.24	1.38	1.31	1.26		11
12	1.10	1.43	1.66	0.93	1.13	1.22	1.23	1.24	1.38	1.31	1.27		12
13	1.14	1.44	1.67	0.91	1.14	1.23	1.24	1.25	1.40	1.32	1.27		13
14	1.17	1.45	1.67	0.85	1.15	1.23	1.25	1.25	1.40	1.33	1.27		14
15	1.20	1.45	1.68	0.62	1.15	1.20	1.23	1.26	1.41	1.33	1.26		15
16	1.23	1.46	1.69	0.76	1.16	1.16	1.18	1.27	1.42	1.34	1.26		16
17	1.25	1.47	1.69	0.86	1.17	1.16	1.17	1.27	1.42	1.34	1.26		17
18	1.26	1.48	1.68	0.92	1.15	1.16	1.18	1.28	1.43	1.33	1.26		18
19	1.27	1.49	1.69	0.96	1.12	1.17	1.18	1.28	1.44	1.31			19
20	1.29	1.49	1.67	0.98	1.11	1.16	1.19	1.29	1.45	1.31			20
21	1.30	1.50	1.36	0.99	1.11	1.12	1.20	1.30	1.46	1.31			21
22	1.30	1.51	1.16	1.00	1.12	1.13	1.21	1.30	1.46	1.31			22
23	1.30	1.52	1.18	1.01	1.14	1.14	1.22	1.31	1.42	1.31			23
24	1.31	1.53	1.19	1.03	1.15	1.15	1.23	1.31	1.41	1.32			24
25	1.31	1.53	1.17	1.04	1.16	1.17	1.24	1.31	1.41	1.29			25
26	1.32	1.55	1.16	1.05	1.18	1.18	1.25	1.32	1.41	1.16			26
27	1.33	1.56	1.16	1.07	1.19	1.19	1.25	1.33	1.41	1.17			27
28	1.34	1.57	1.16	1.05	1.21	1.20	1.21	1.33	1.41	1.18			28
29	1.34	1.58	1.17	0.90	1.22	1.19	0.91	1.33	1.42	1.19			29
30	1.35		1.19	0.83	1.23	1.18	0.95	1.34	1.43	1.20			30
31	1.35		1.20		1.23		1.05	1.34		1.22			31
-MONTHLY SUMMARY-													
MEAN	1.21	1.45	1.49	1.00	1.10	1.19	1.18	1.25	1.39	1.31			MEAN
INST MAX	0.99 (1)	1.35 (1)	1.16 (26)	0.56 (15)	0.83 (1)	1.12 (21)	0.89 (29)	1.07 (1)	1.33 (2)	1.17 (26)			INST MAX
INST MIN	1.35 (31)	1.58 (29)	1.70 (17)	1.22 (4)	1.23 (30)	1.24 (15)	1.26 (15)	1.35 (30)	1.47 (22)	1.44 (2)			INST MIN

ENVIRONMENT ONTARIO
TORONTO
REGIONAL MUNICIPALITY OF YORK

OBSERVATION WELL 360

TOWNSHIP OF WHITCHURCH   CONC. 6   LOT 27

WELL REC #: 6910965
UTM CO-ORDS: Z-17 E632050 N4878700
LAT & LONG: 44-08NORTH 79-21WEST

REC METHOD: F-1 TYPE RECORDER
REC COMMENCE: MAY 26 1971
MEASURE PT: 0.6 METRES ABOVE GROUND SURFACE
GND ELEV: 266 METRES ABOVE SEA LEVEL
WELL TYPE: DUG
WELL LOG: TOPSOIL 1.4; SAND 8.8.

DIAMETER OF WELL: 122 CM
LENGTH OF CASING: 8.8 METRES
LENGTH OF SCREEN: NONE
DEPTH OF WELL: 8.8 METRES

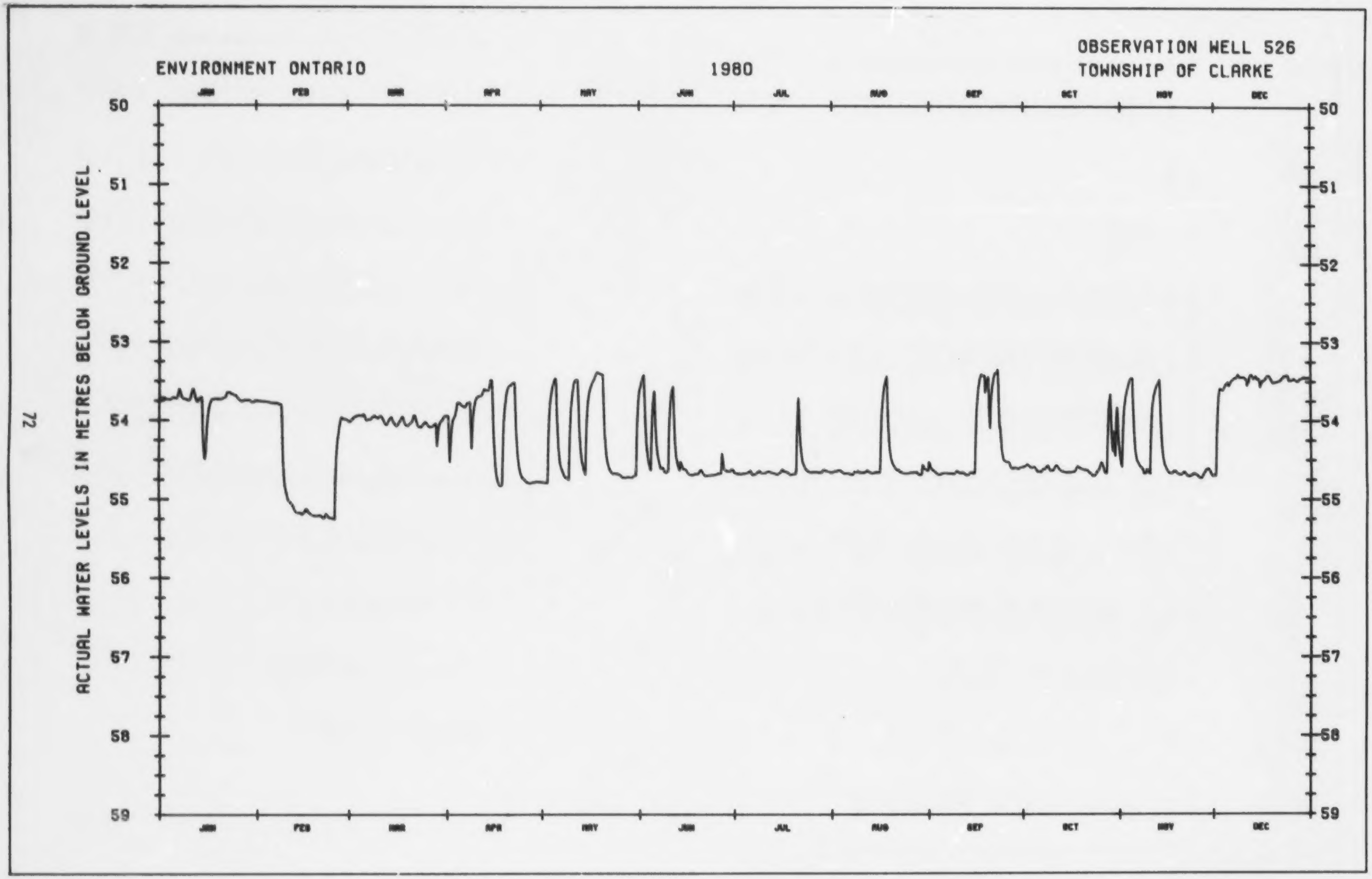
PUMP RATE: N.A.
SPEC. CAP: N.A.
AQUIFER : SAND
QUALITY : FRESH

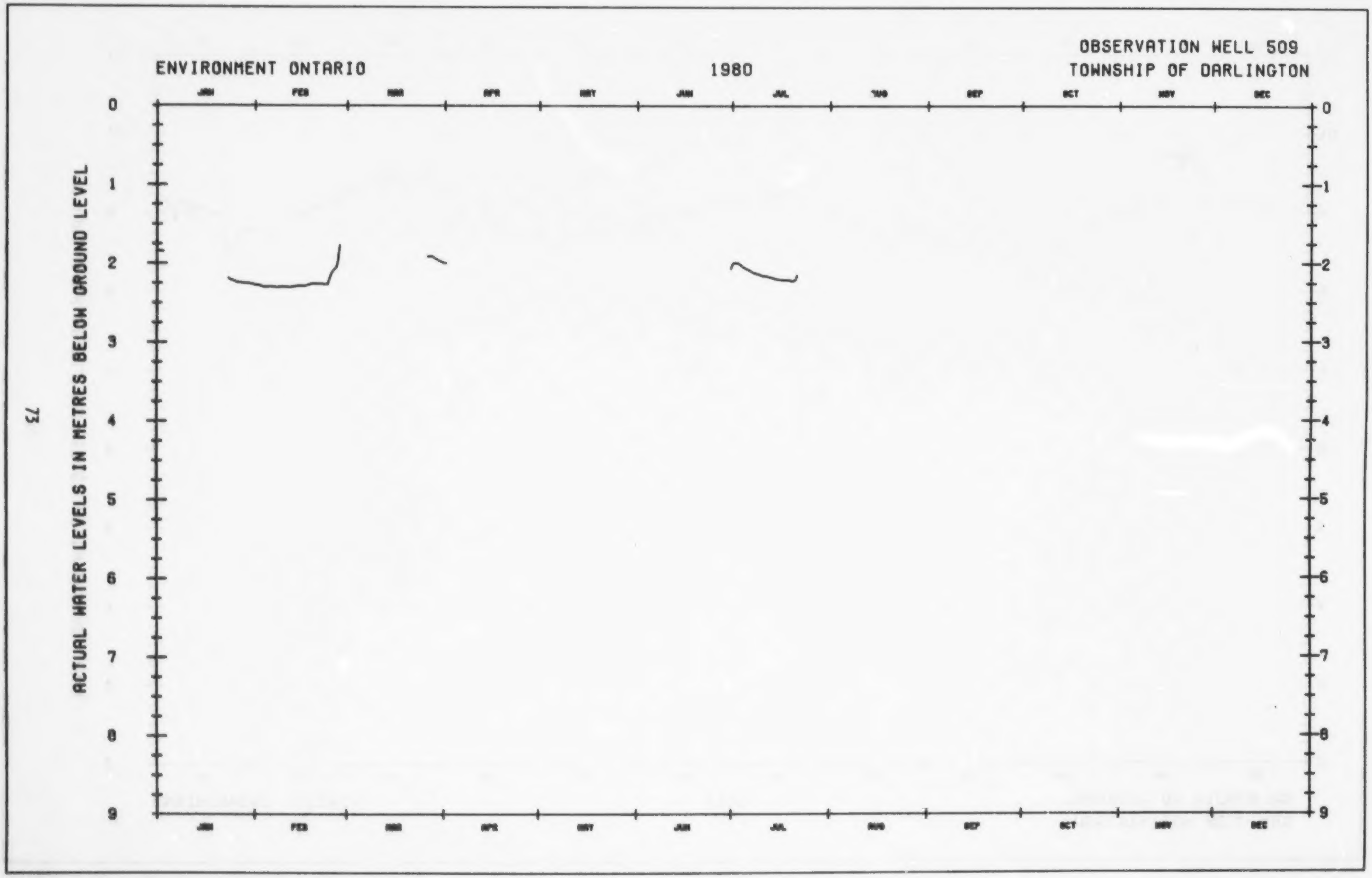
1980
DAILY MEAN WATER LEVELS IN METRES BELOW GROUND SURFACE

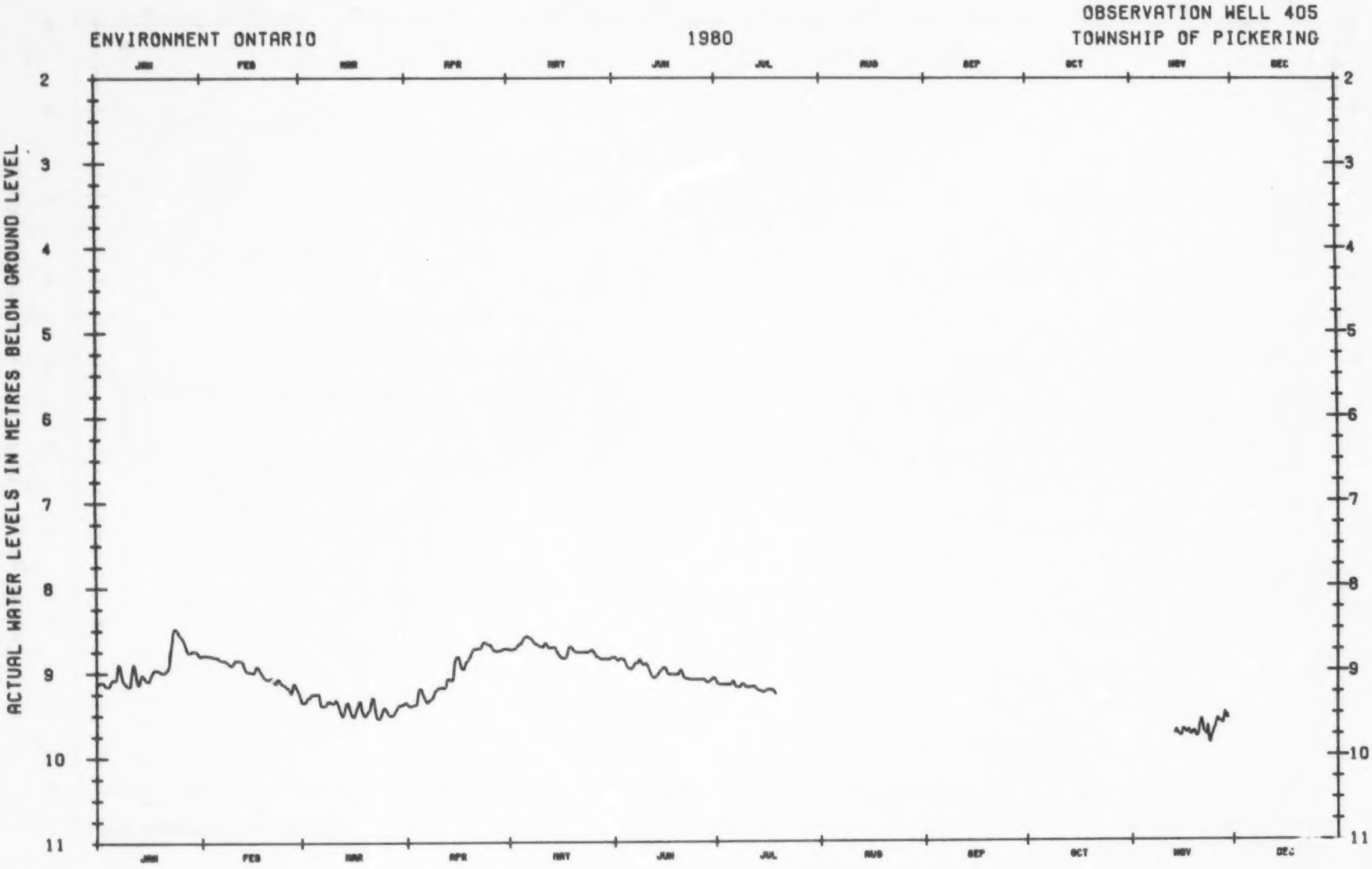
DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	4.20		6.07		3.88	5.37	5.88	5.84	6.20	6.17		5.66	1
2	4.33		6.08		3.87	5.40	5.90	5.81	6.20	6.16		5.63	2
3	4.41		6.09		3.86	5.43	5.91	5.79	6.20	6.14		5.61	3
4	4.48		6.09	5.27	3.87	5.48	5.92	5.79	6.20	6.14		5.55	4
5	4.54		6.10	5.23		5.51	5.93	5.78	6.20	6.13		5.44	5
6	4.62		6.11	5.21		5.54	5.94	5.79	6.20	6.12		5.34	6
7	4.68	5.70	6.13	5.19		5.55	5.96	5.79	6.20	6.12		5.26	7
8	4.80	5.73	6.14	5.16		5.57	5.97	5.80	6.20		5.82	5.20	8
9	4.91	5.76	6.14	5.01	4.20	5.59	5.99	5.81	6.19		5.81	5.10	9
10	5.00	5.78	6.15	4.75	4.35	5.61	6.01	5.83	6.19		5.81	4.91	10
11	4.52	5.79	6.14	4.57	4.40	5.64	6.02	5.84	6.20		5.81	4.76	11
12	4.18	5.81	6.15	4.46	4.47	5.67	6.04	5.85	6.20		5.81	4.67	12
13	4.39	5.85	6.16	4.41	4.53	5.70	6.06	5.87	6.21		5.79	4.61	13
14	4.53	5.88	6.17	4.27	4.58	5.71	6.08	5.89	6.21		5.77	4.62	14
15	4.68	5.90	6.18	3.76	4.62	5.72	6.09	5.91	6.22		5.76	4.66	15
16	4.77	5.91	6.19	3.70	4.66	5.74	6.11	5.93	6.22		5.75	4.70	16
17	4.83	5.92	6.19	3.76	4.70	5.77	6.12	5.95	6.22		5.73	4.74	17
18	4.90	5.93	6.01	3.82	4.72	5.78	6.13	5.98	6.22		5.71	4.77	18
19	4.97	5.95	5.33	3.89	4.74	5.79	6.15	6.00	6.23		5.69	4.80	19
20	5.03	5.96	4.41	3.97	4.76	5.80	6.17	6.01	6.23		5.68	4.88	20
21	5.05	5.98	3.05	4.04	4.79	5.81	6.17	6.03	6.23		5.67	4.94	21
22	5.06	5.99		4.07	4.82	5.82	6.16	6.05	6.23		5.68	5.00	22
23	5.09	6.00		4.11	4.87	5.82	6.13	6.07	6.23		5.68	5.03	23
24	5.13	6.01		4.18	4.92	5.82	6.10	6.09	6.23		5.67	5.05	24
25	5.18	6.02		4.24	4.97	5.83	6.07	6.11	6.23		5.67	5.07	25
26	5.26	6.04		4.27	5.05	5.83	6.04	6.13	6.22		5.66	5.13	26
27	5.32	6.04			5.12	5.84	6.01	6.14	6.21		5.67	5.16	27
28	5.36	6.04			5.18	5.85	5.99	6.16	6.21		5.65	5.21	28
29	5.41	6.05		4.09	5.23	5.86	5.96	6.17	6.20		5.63	5.25	29
30	5.45			3.93	5.28	5.87	5.92	6.19	6.19		5.63	5.28	30
31					5.32		5.88	6.20				5.30	31

-MONTHLY SUMMARY-

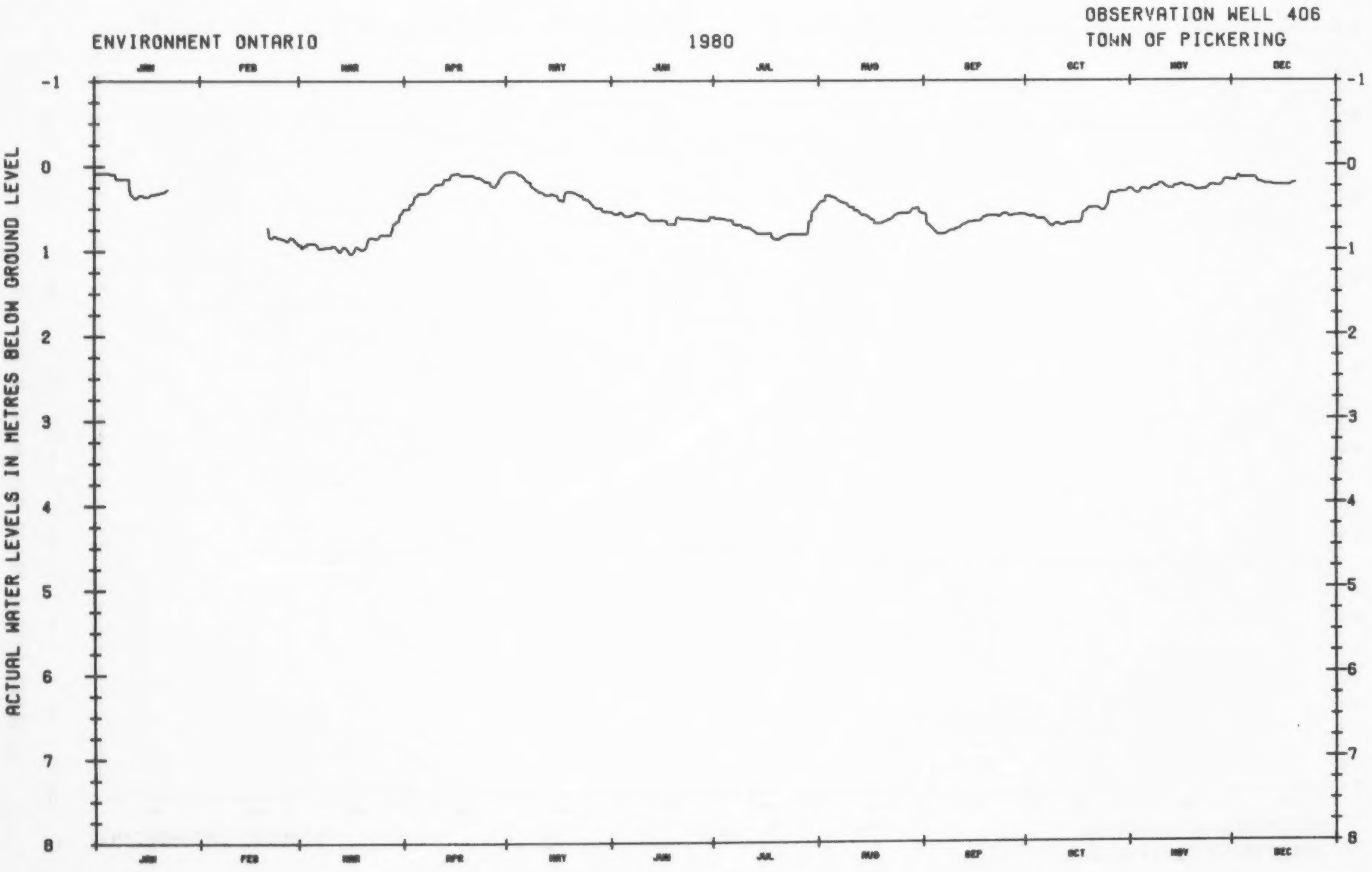
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
MEAN						5.69	6.03	5.95	6.21			5.07	MEAN
INST MAX						5.34 (1)	5.86 (31)	5.78 (5)	6.18 (30)			4.60 (13)	INST MAX
INST MIN						5.88 (30)	6.18 (21)	6.20 (31)	6.23 (20)			5.64 (2)	INST MIN


ENVIRONMENT ONTARIO
1980
OBSERVATION WELL 526
TOWNSHIP OF CLARKE
ACTUAL WATER LEVELS IN METRES BELOW GROUND LEVEL
50
51
52
53
54
55
56
57
58
59
JUL
OCT
DEC

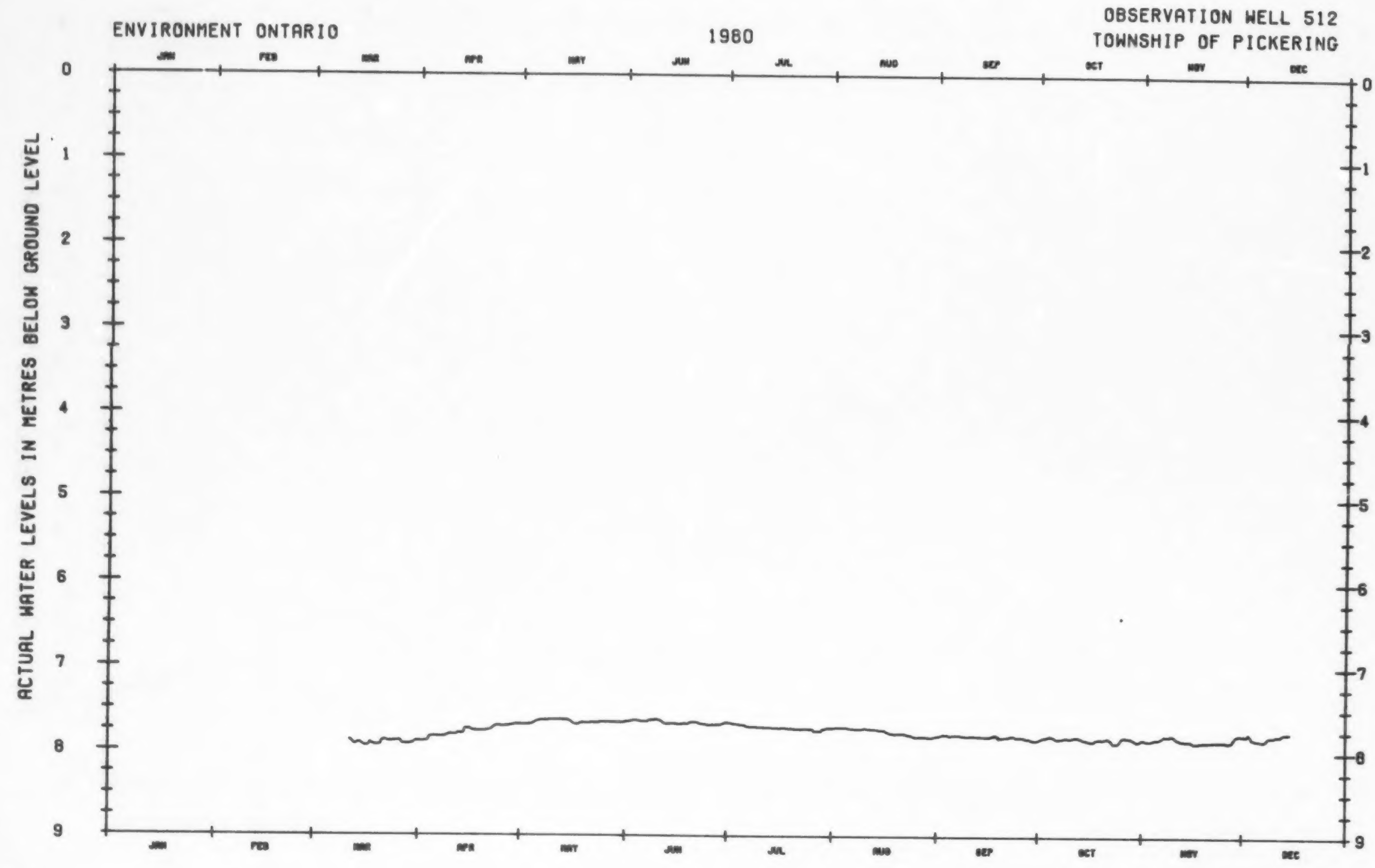

ENVIRONMENT ONTARIO
1980
OBSERVATION WELL 509
TOWNSHIP OF DARLINGTON
ACTUAL WATER LEVELS IN METRES BELOW GROUND LEVEL
0
1
2
3
4
5
6
7
8
9

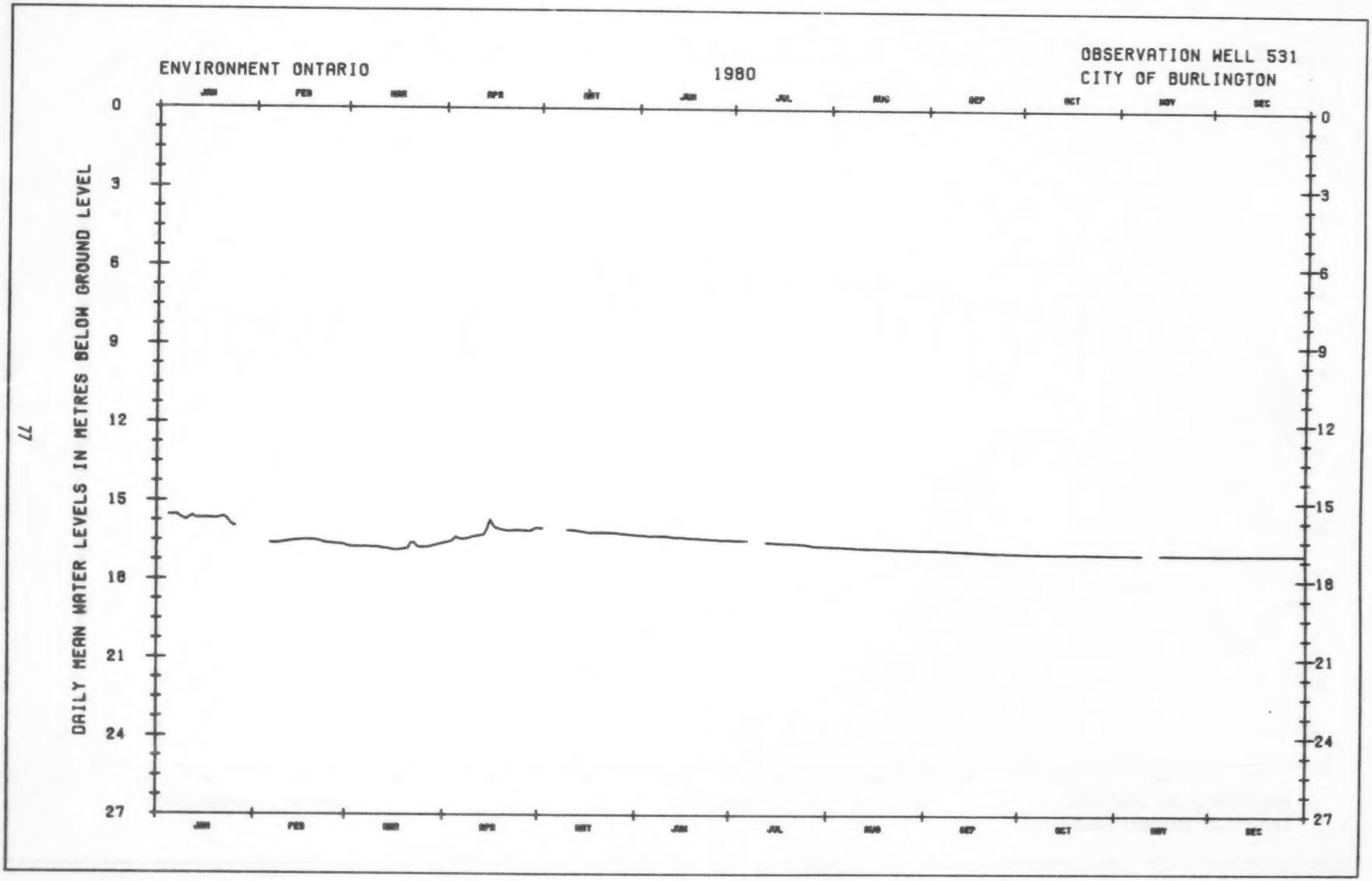


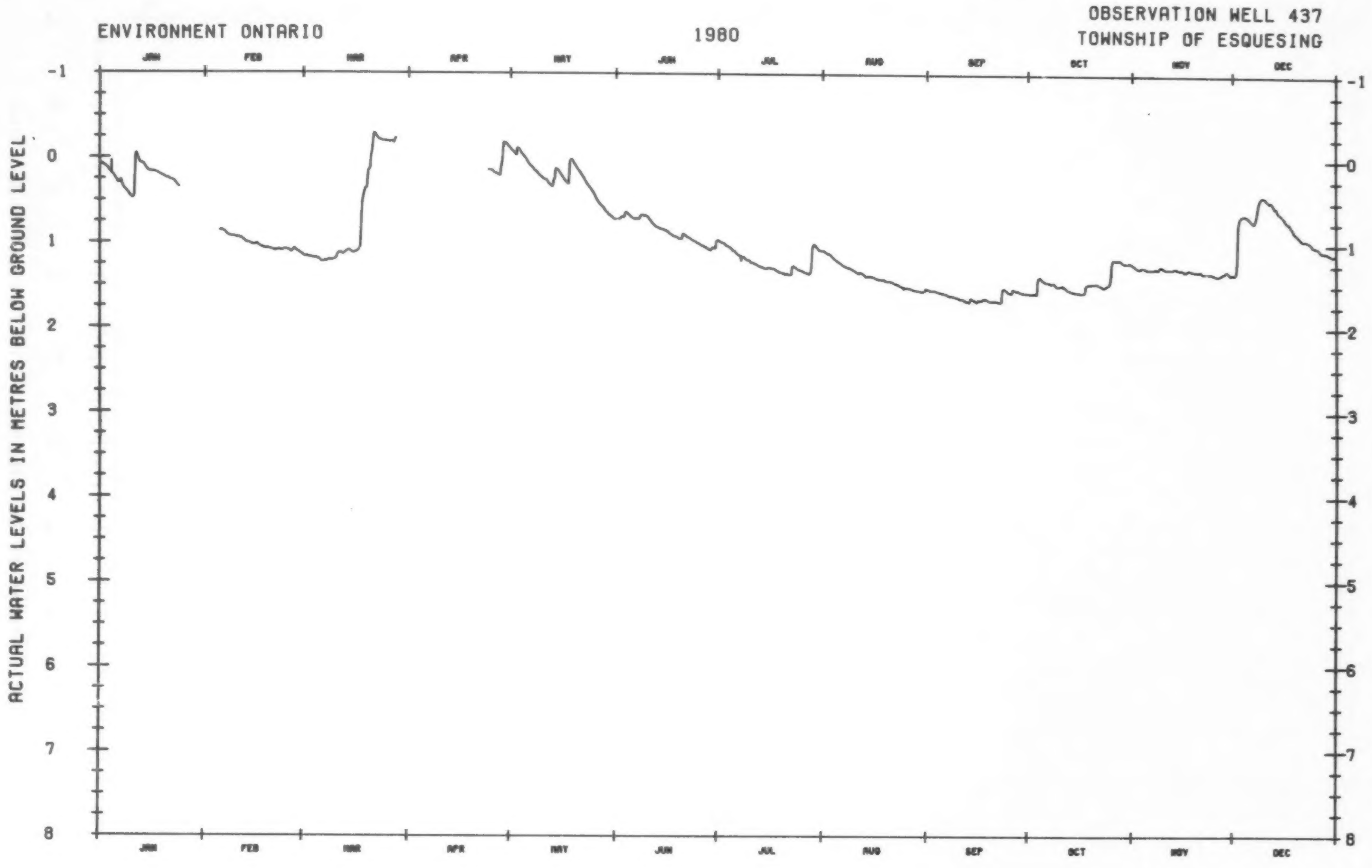
OBSERVATION WELL 405
ENVIRONMENT ONTARIO
1980
TOWNSHIP OF PICKERING
JAN
FEB
MAR
APR
MAY
JUN
JUL
AUG
SEP
OCT
NOV
DEC
ACTUAL WATER LEVELS IN METRES BELOW GROUND LEVEL
2
3
4
5
6
7
8
9
10
11



OBSERVATION WELL 406
TOWN OF PICKERING
ENVIRONMENT ONTARIO
1980
JAN
FEB
MAR
APR
MAY
JUN
JUL
AUG
SEP
OCT
NOV
DEC
-1
0
1
2
3
4
5
6
7
8
ACTUAL WATER LEVELS IN METRES BELOW GROUND LEVEL


ENVIRONMENT ONTARIO
1980
OBSERVATION WELL 512
TOWNSHIP OF PICKERING
ACTUAL WATER LEVELS IN METRES BELOW GROUND LEVEL
0
1
2
3
4
5
6
7
8
9
JAN
FEB
MAR
APR
MAY
JUN
JUL
AUG
SEP
OCT
NOV
DEC


ENVIRONMENT ONTARIO
1980
OBSERVATION WELL 531
CITY OF BURLINGTON
DAILY MEAN WATER LEVELS IN METRES BELOW GROUND LEVEL
0
3
6
9
12
15
18
21
24
27


ENVIRONMENT ONTARIO
1980
OBSERVATION WELL 437
TOWNSHIP OF ESQUESING
ACTUAL WATER LEVELS IN METRES BELOW GROUND LEVEL
JAN
FEB
MAR
APR
MAY
JUN
JUL
AUG
SEP
OCT
NOV
DEC
-1
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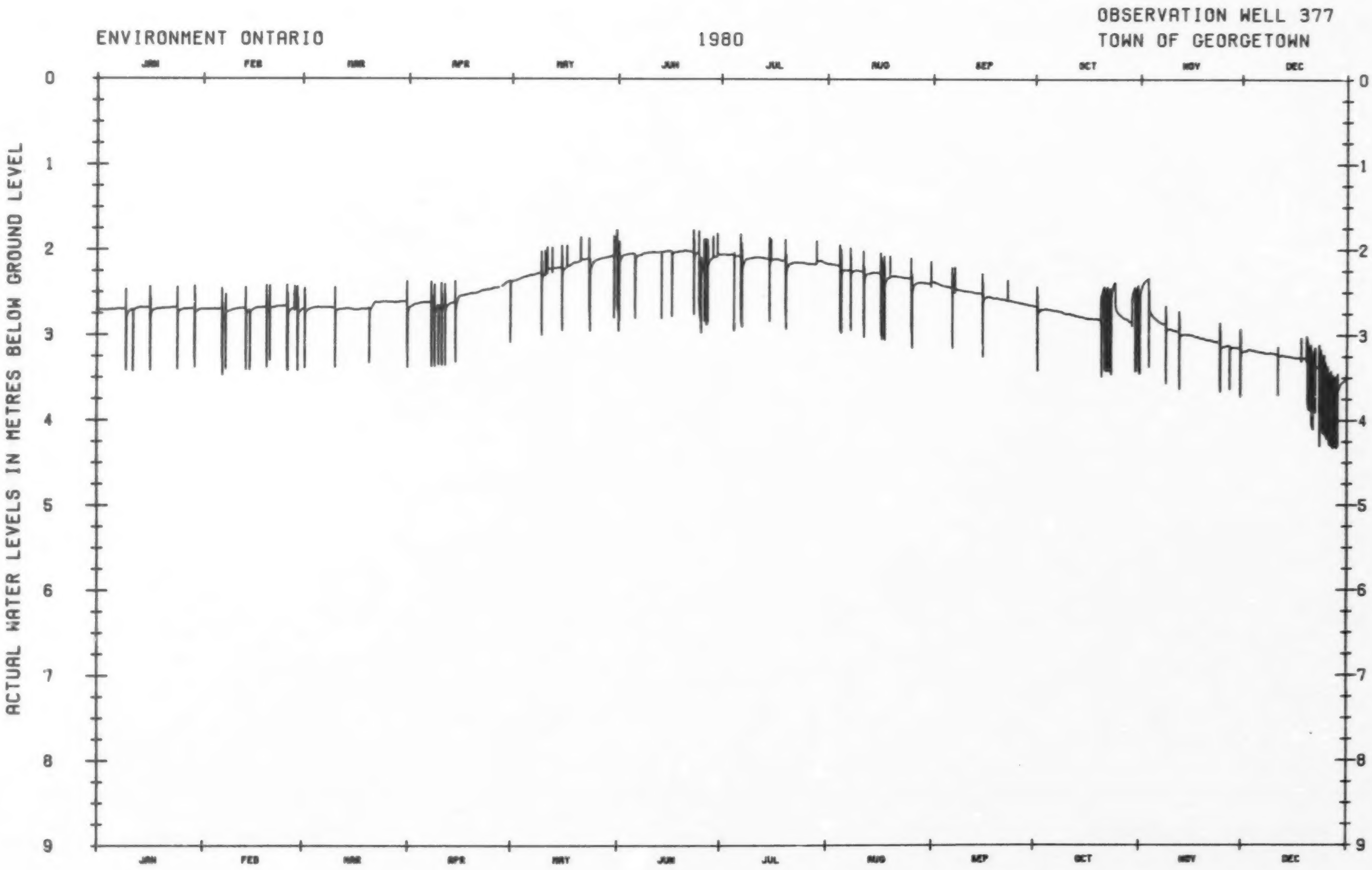
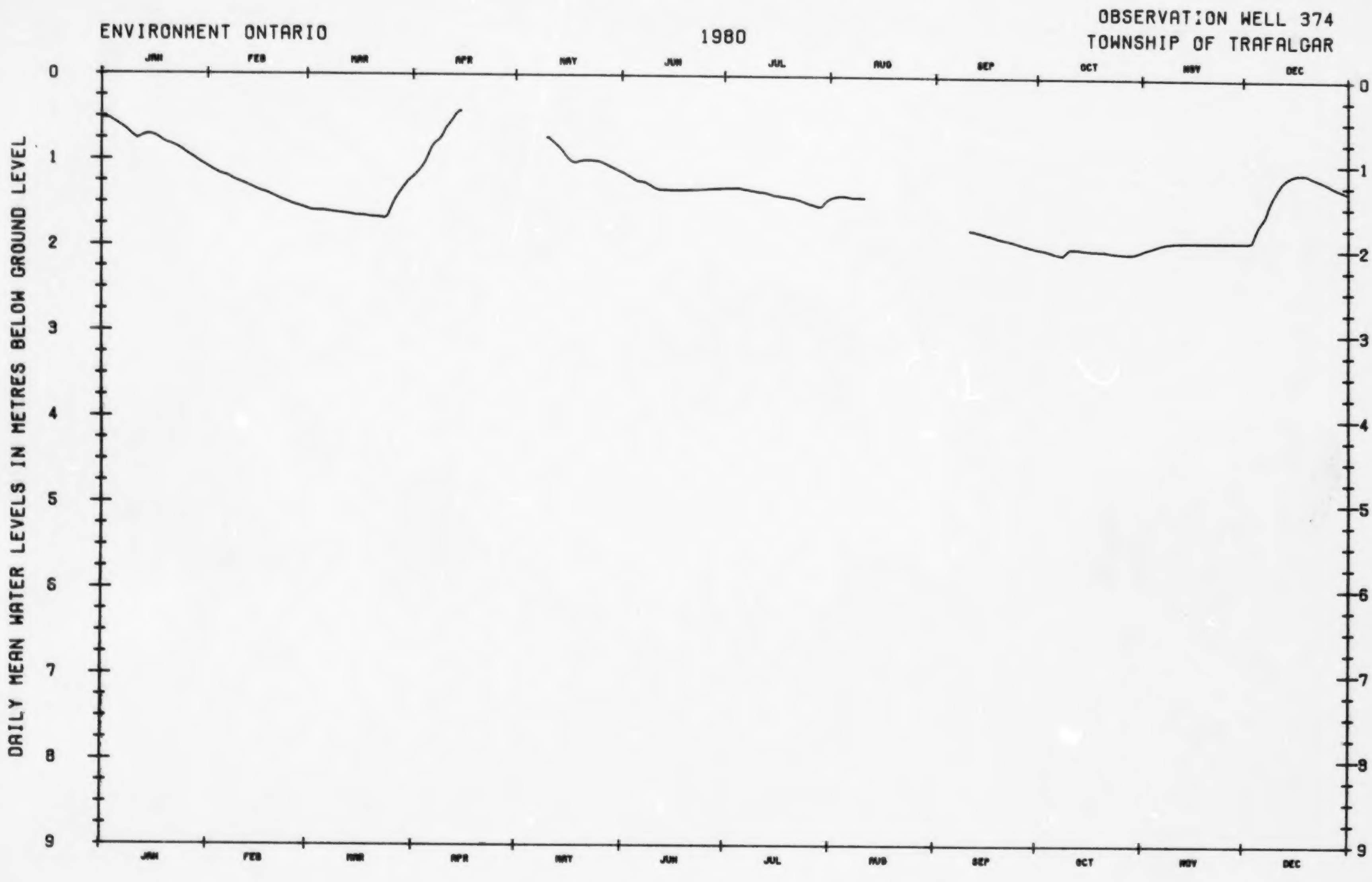
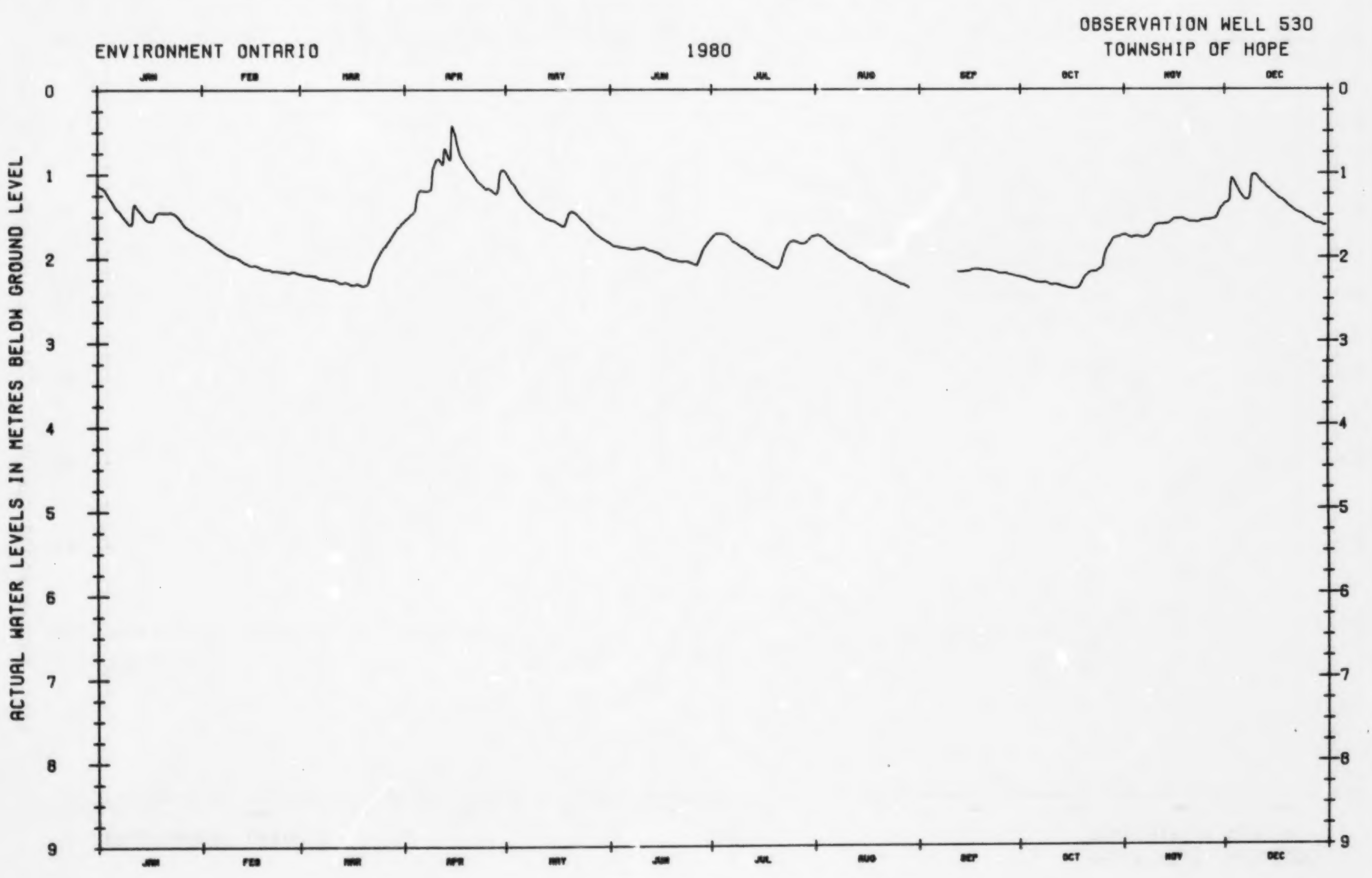


ENVIRONMENT ONTARIO
1980
OBSERVATION WELL 377
TOWN OF GEORGETOWN
ACTUAL WATER LEVELS IN METRES BELOW GROUND LEVEL
0
1
2
3
4
5
6
7
8
9
JAN
FEB
MAR
APR
MAY
JUN
JUL
AUG
SEP
OCT
NOV
DEC


ENVIRONMENT ONTARIO
1980
OBSERVATION WELL 374
TOWNSHIP OF TRAFALGAR
JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC
DAILY MEAN WATER LEVELS IN METRES BELOW GROUND LEVEL
0 1 2 3 4 5 6 7 8 9



ENVIRONMENT ONTARIO
1980
OBSERVATION WELL 530
TOWNSHIP OF HOPE
ACTUAL WATER LEVELS IN METRES BELOW GROUND LEVEL
JAN
FEB
MAR
APR
MAY
JUN
JUL
AUG
SEP
OCT
NOV
DEC
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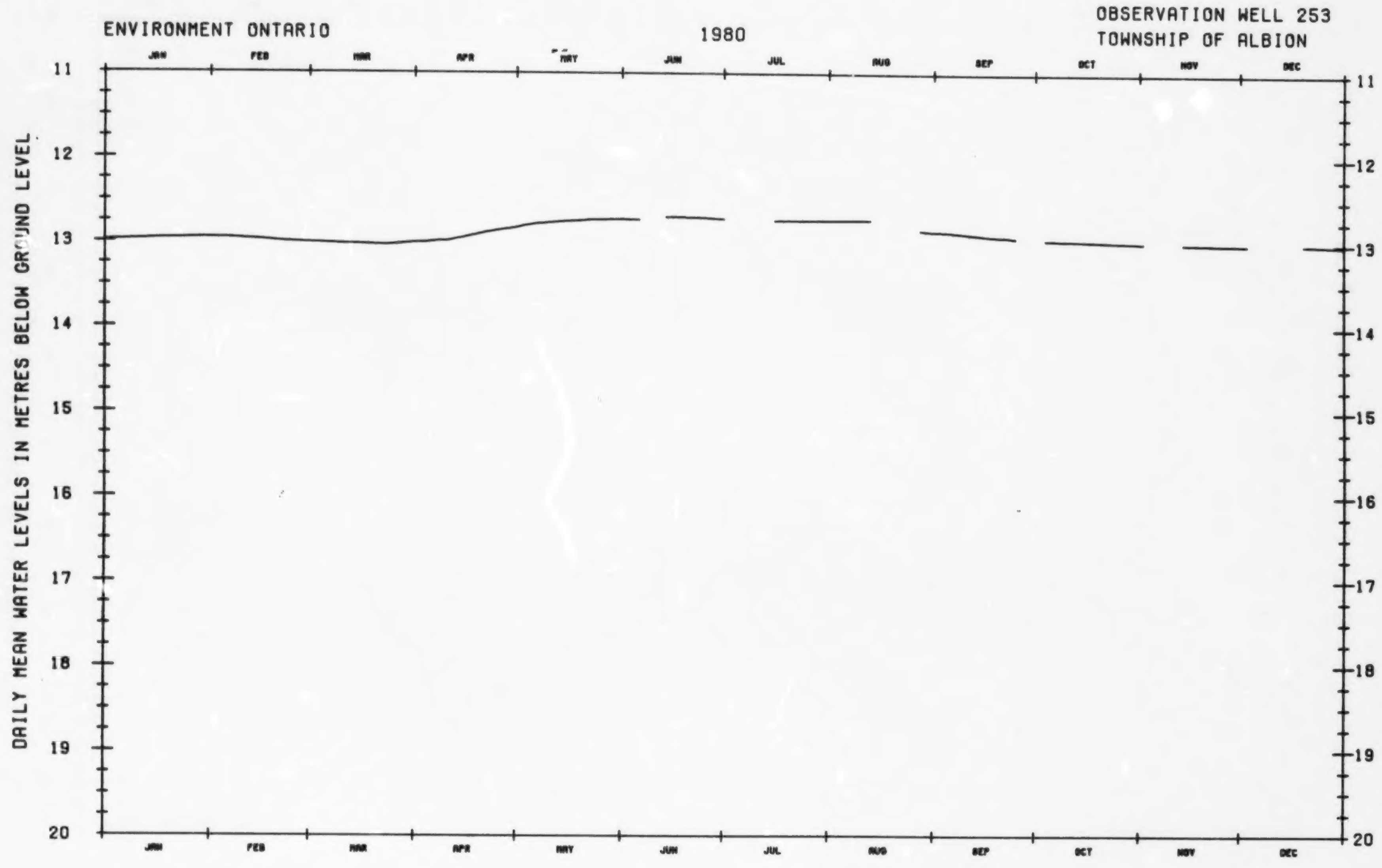
ENVIRONMENT ONTARIO
1980
OBSERVATION WELL 253
TOWNSHIP OF ALBION
DAILY MEAN WATER LEVELS IN METRES BELOW GROUND LEVEL
JAN
FEB
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APR
MAY
JUN
JUL
AUG
SEP
OCT
NOV
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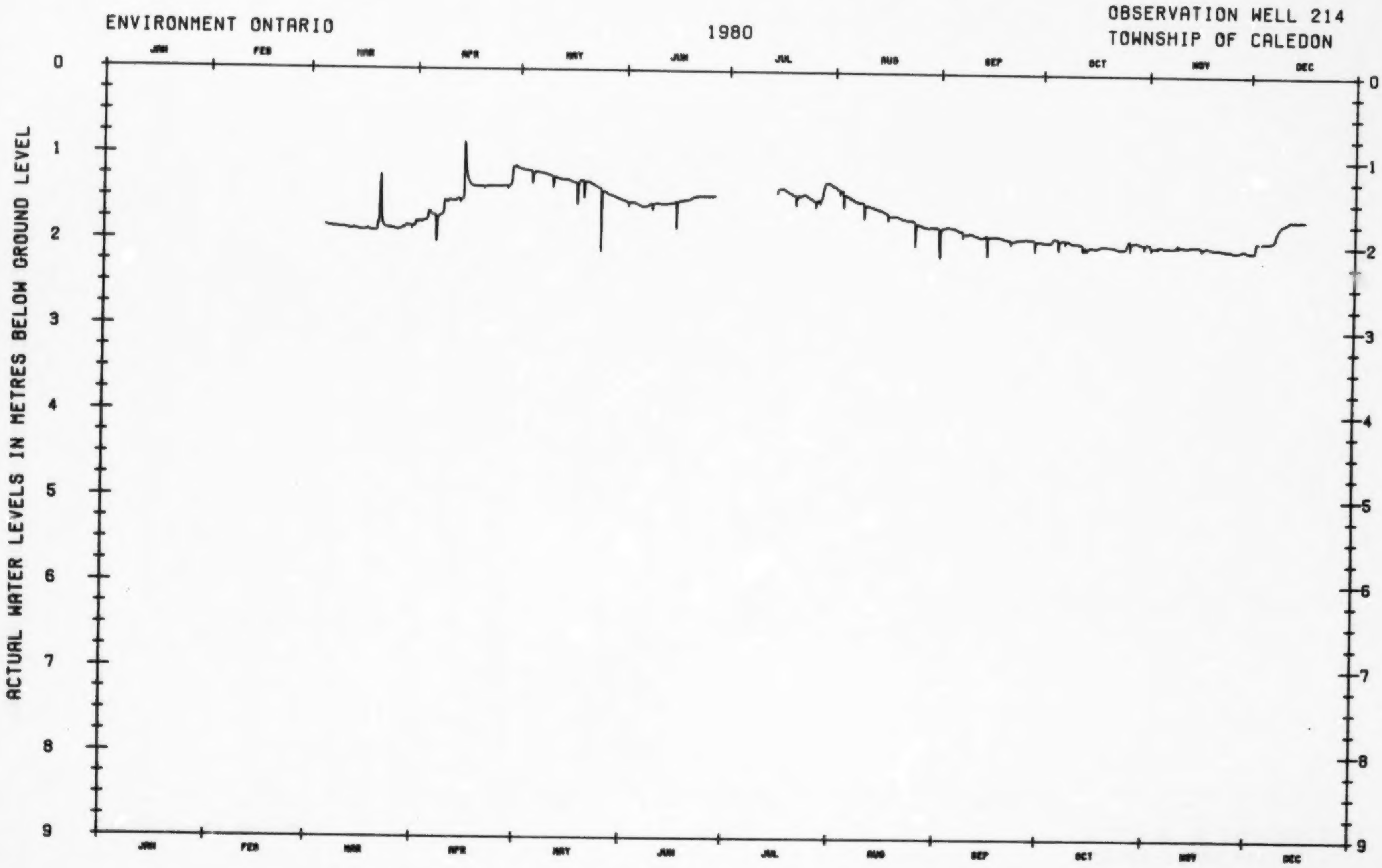
ENVIRONMENT ONTARIO
1980
OBSERVATION WELL 214
TOWNSHIP OF CALEDON
ACTUAL WATER LEVELS IN METRES BELOW GROUND LEVEL
JAN
FEB
MAR
APR
MAY
JUN
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AUG
SEP
OCT
NOV
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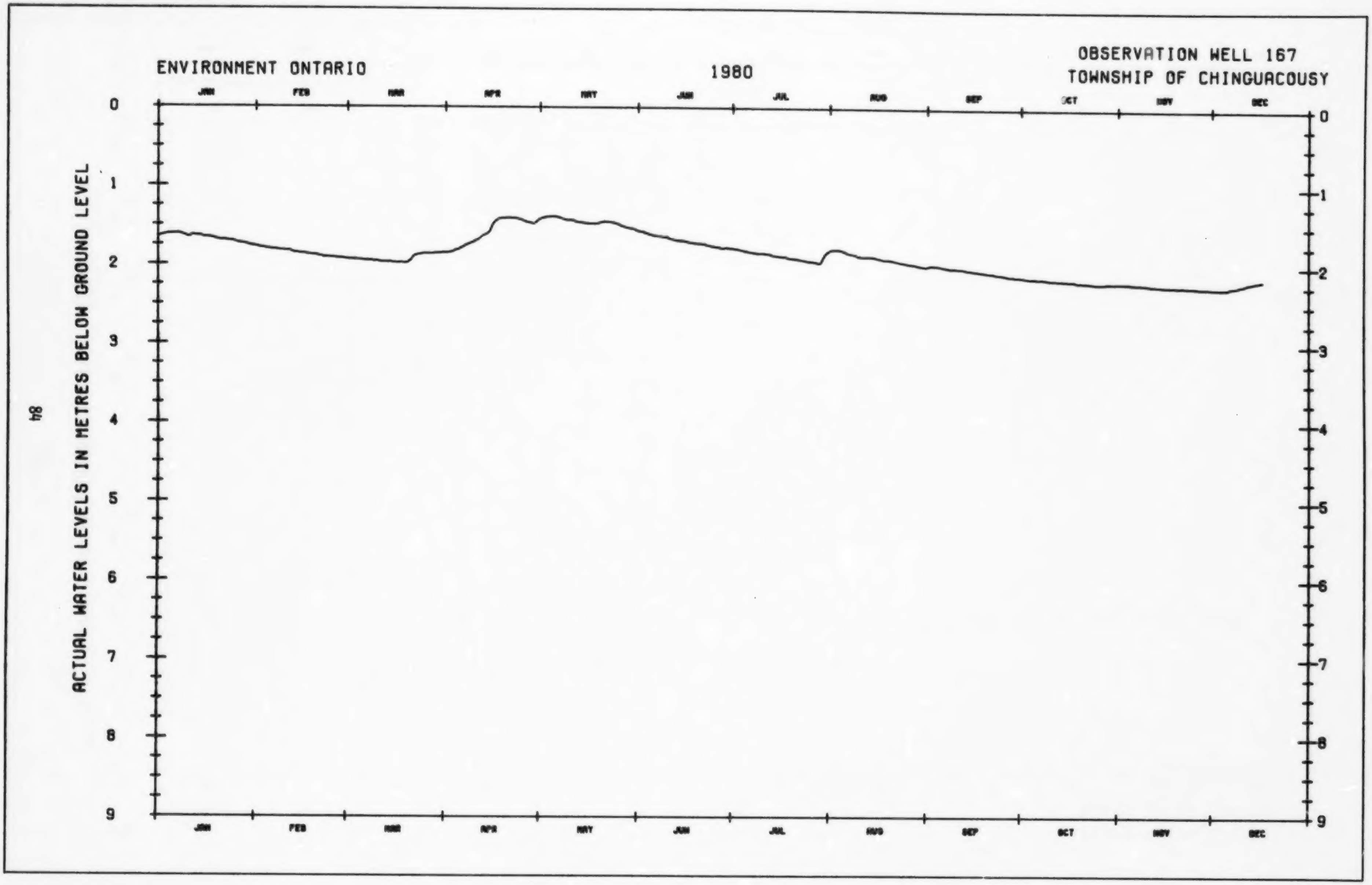

ENVIRONMENT ONTARIO
1980
OBSERVATION WELL 167
TOWNSHIP OF CHINGUACOUSY
ACTUAL WATER LEVELS IN METRES BELOW GROUND LEVEL
0
1
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JAN
FEB
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APR
MAY
JUN
JUL
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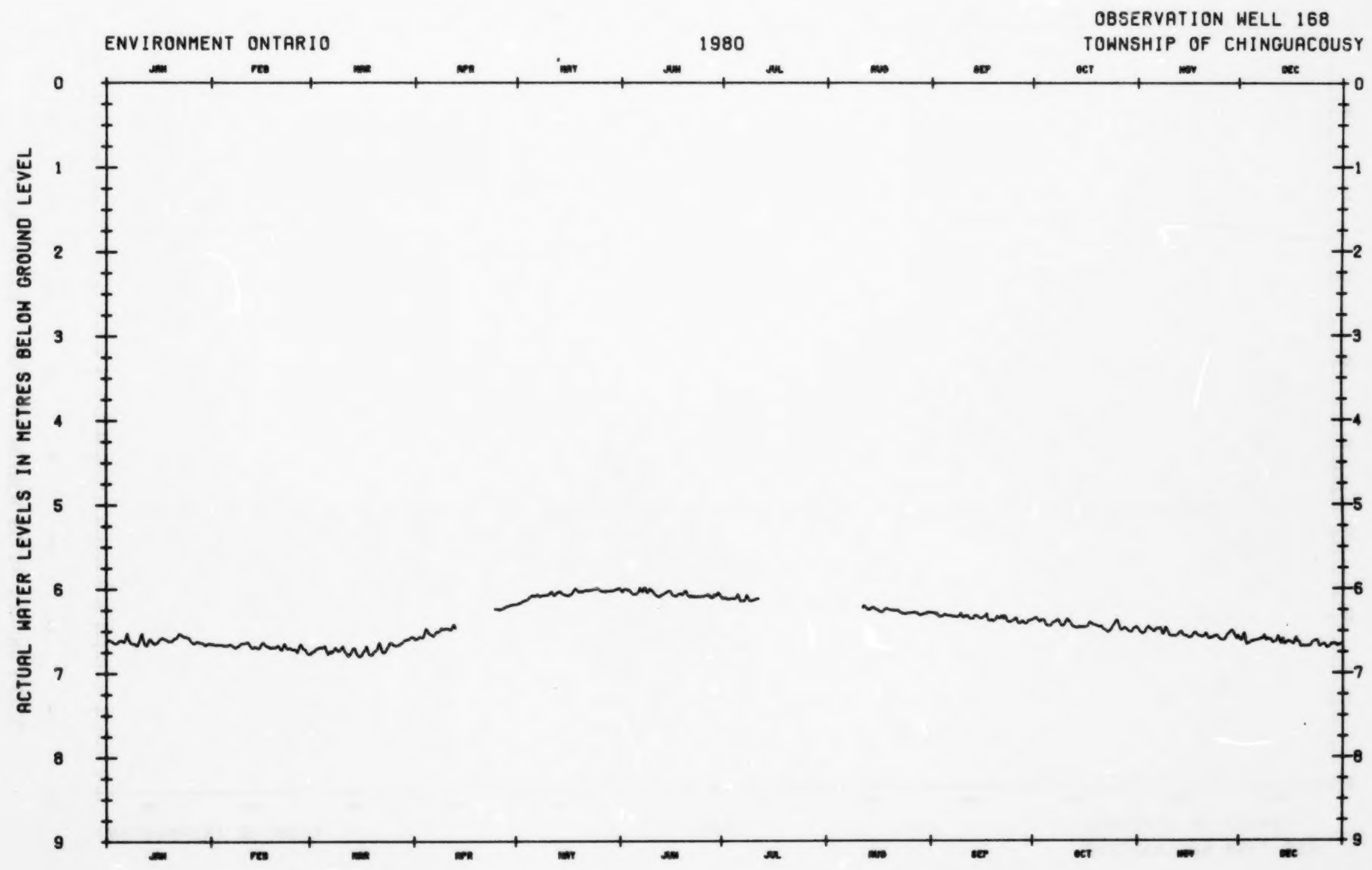
SEP
OCT
NOV
DEC


ENVIRONMENT ONTARIO
1980
OBSERVATION WELL 168
TOWNSHIP OF CHINGUACOUSY
ACTUAL WATER LEVELS IN METRES BELOW GROUND LEVEL
0
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JUN
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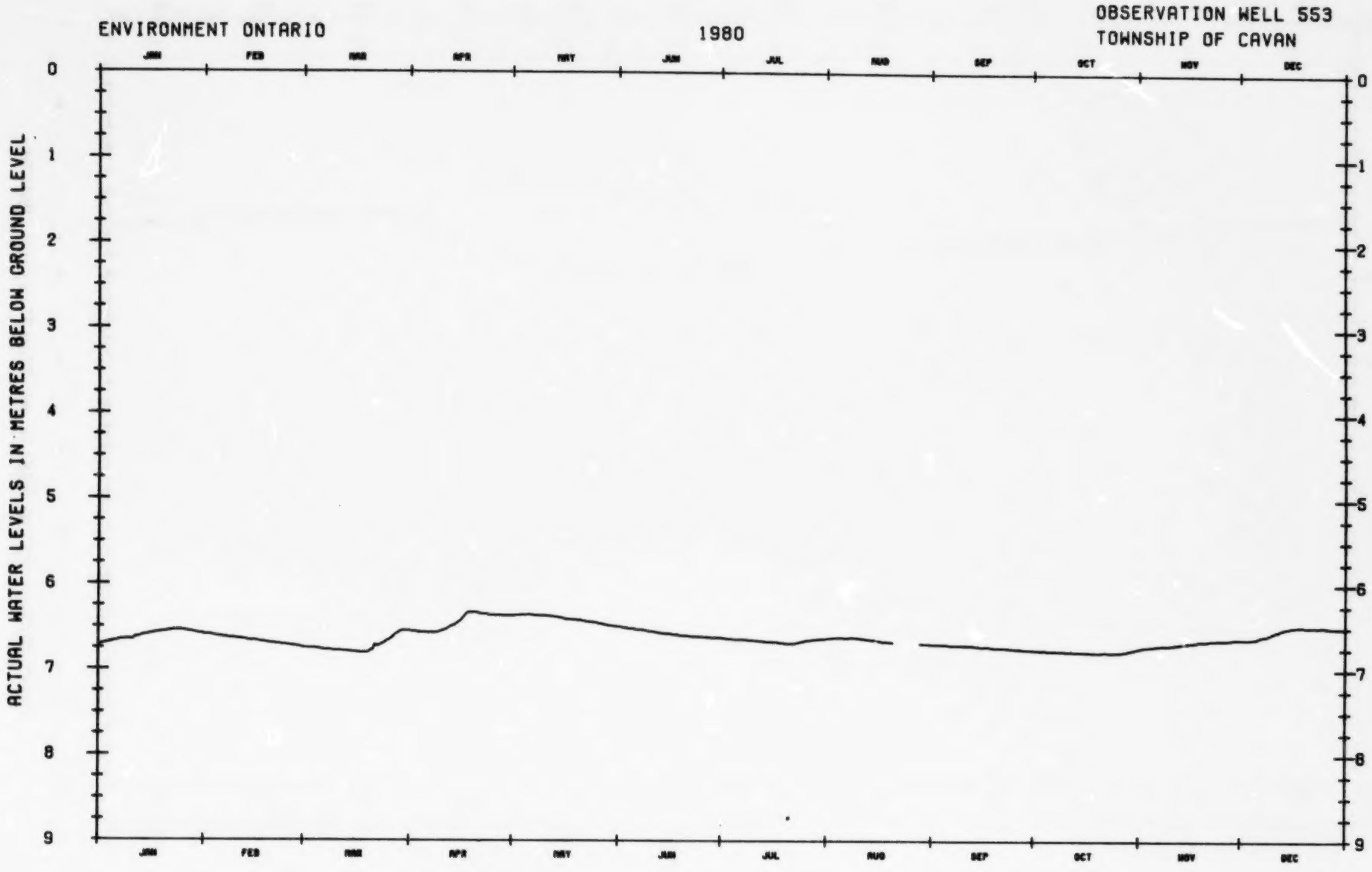
OCT
NOV
DEC


ENVIRONMENT ONTARIO
1980
OBSERVATION WELL 553
TOWNSHIP OF CAVAN
ACTUAL WATER LEVELS IN METRES BELOW GROUND LEVEL
0
1
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JAN
FEB
MAR
APR
MAY
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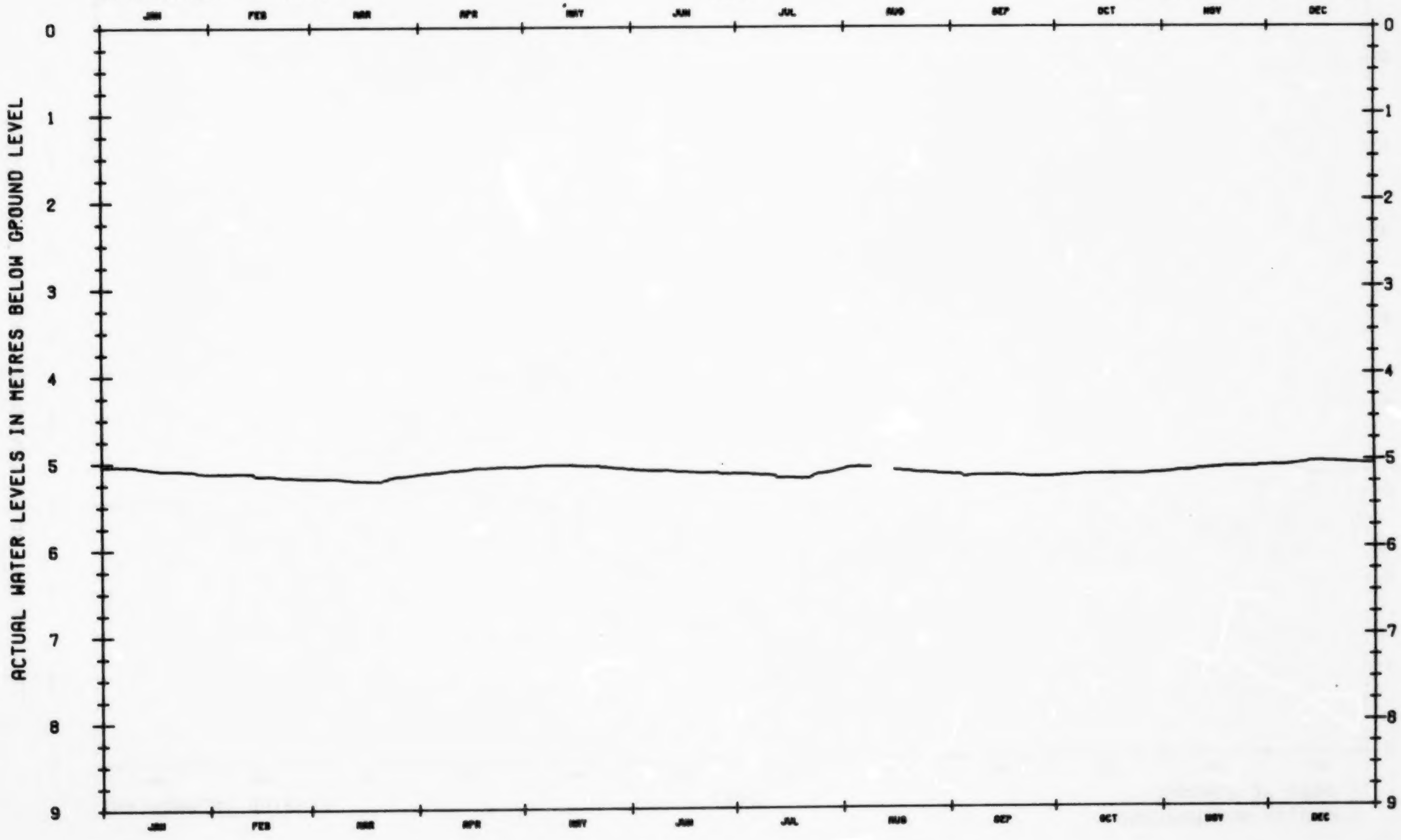
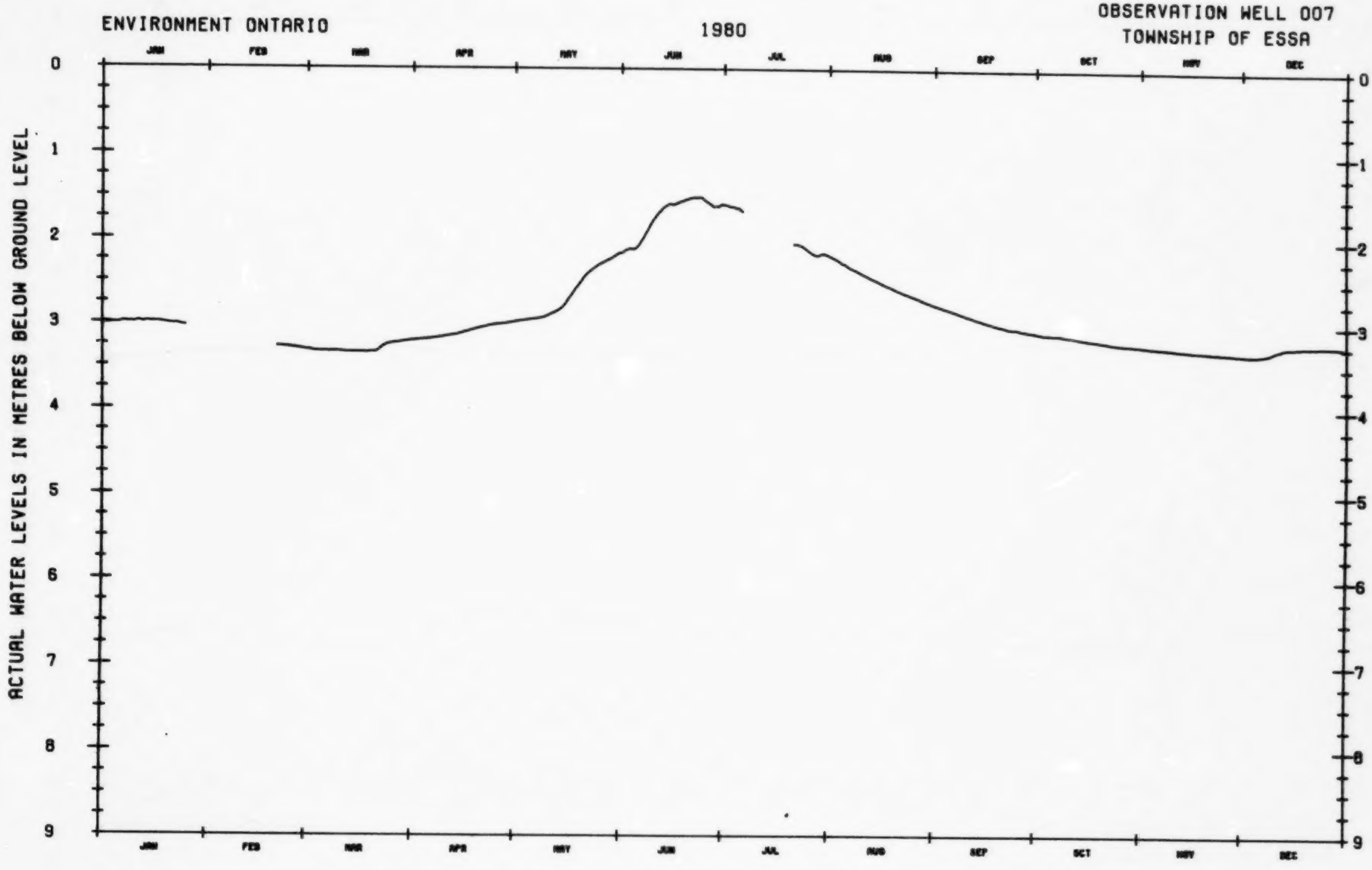
NOV
DEC

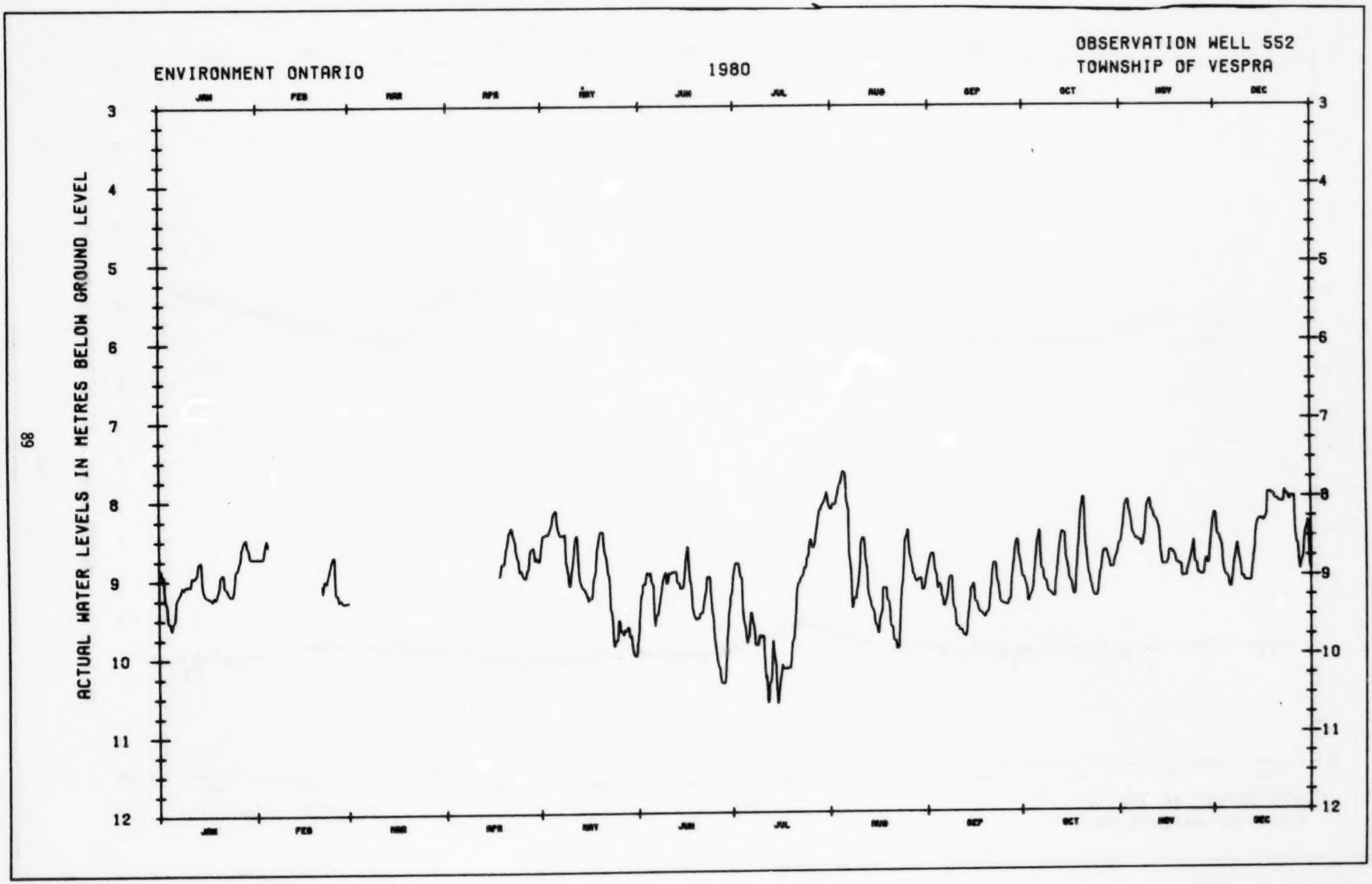
ENVIRONMENT ONTARIO

1980

OBSERVATION WELL 529
TOWNSHIP OF INNISFIL




ENVIRONMENT ONTARIO
1980
OBSERVATION WELL 007
TOWNSHIP OF ESSA
ACTUAL WATER LEVELS IN METRES BELOW GROUND LEVEL
0
1
2
3
4
5
6
7
8
9


ENVIRONMENT ONTARIO
1980
OBSERVATION WELL 552
TOWNSHIP OF VESPRA
ACTUAL WATER LEVELS IN METRES BELOW GROUND LEVEL
3
4
5
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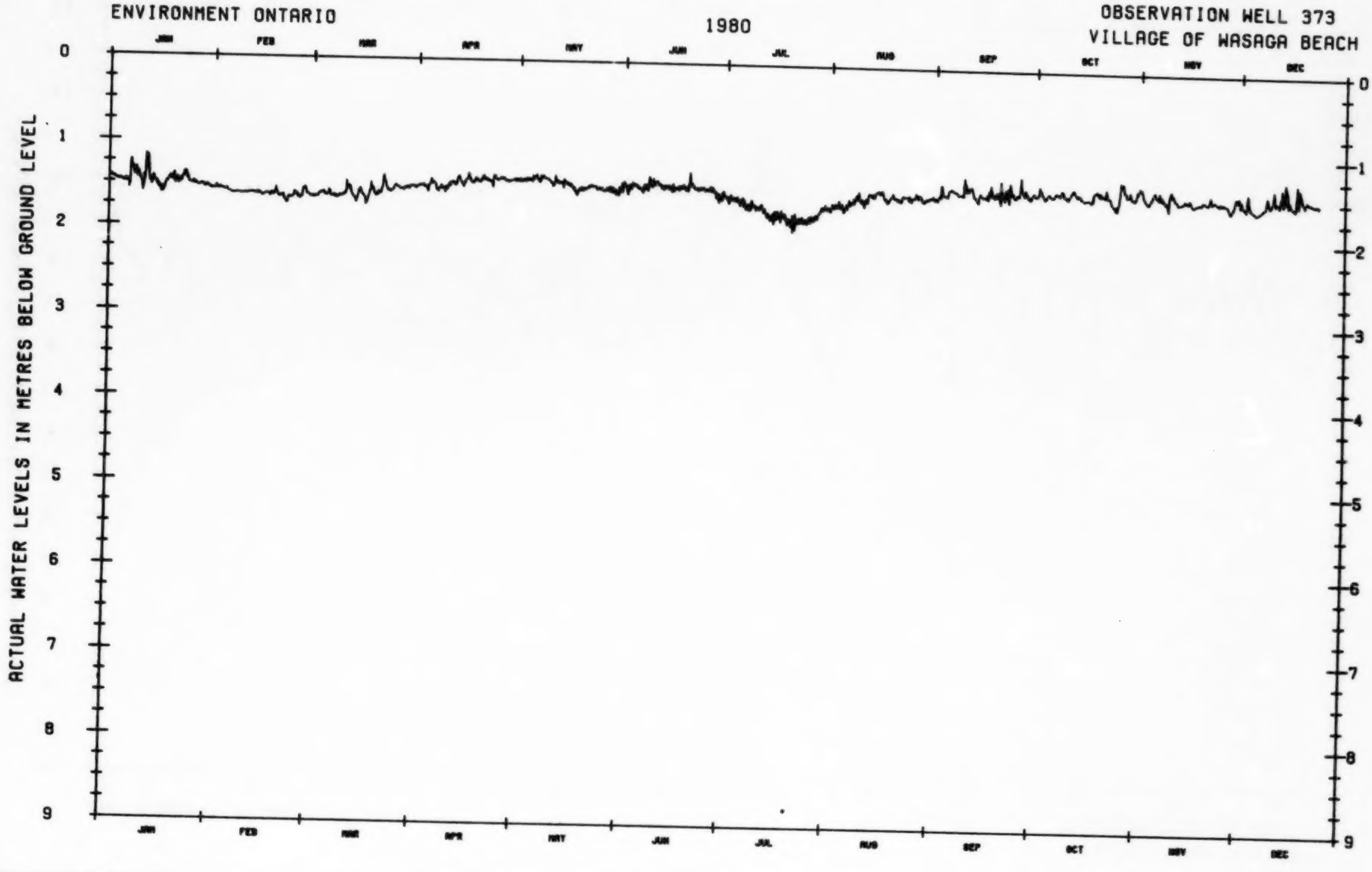
9
10
11
12
JAN
FEB
MAR
APR
MAY
JUN
JUL
AUG
SEP
OCT
NOV
DEC


ENVIRONMENT ONTARIO
1980
OBSERVATION WELL 373
VILLAGE OF WASAGA BEACH
ACTUAL WATER LEVELS IN METRES BELOW GROUND LEVEL
0
1
2
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4
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6
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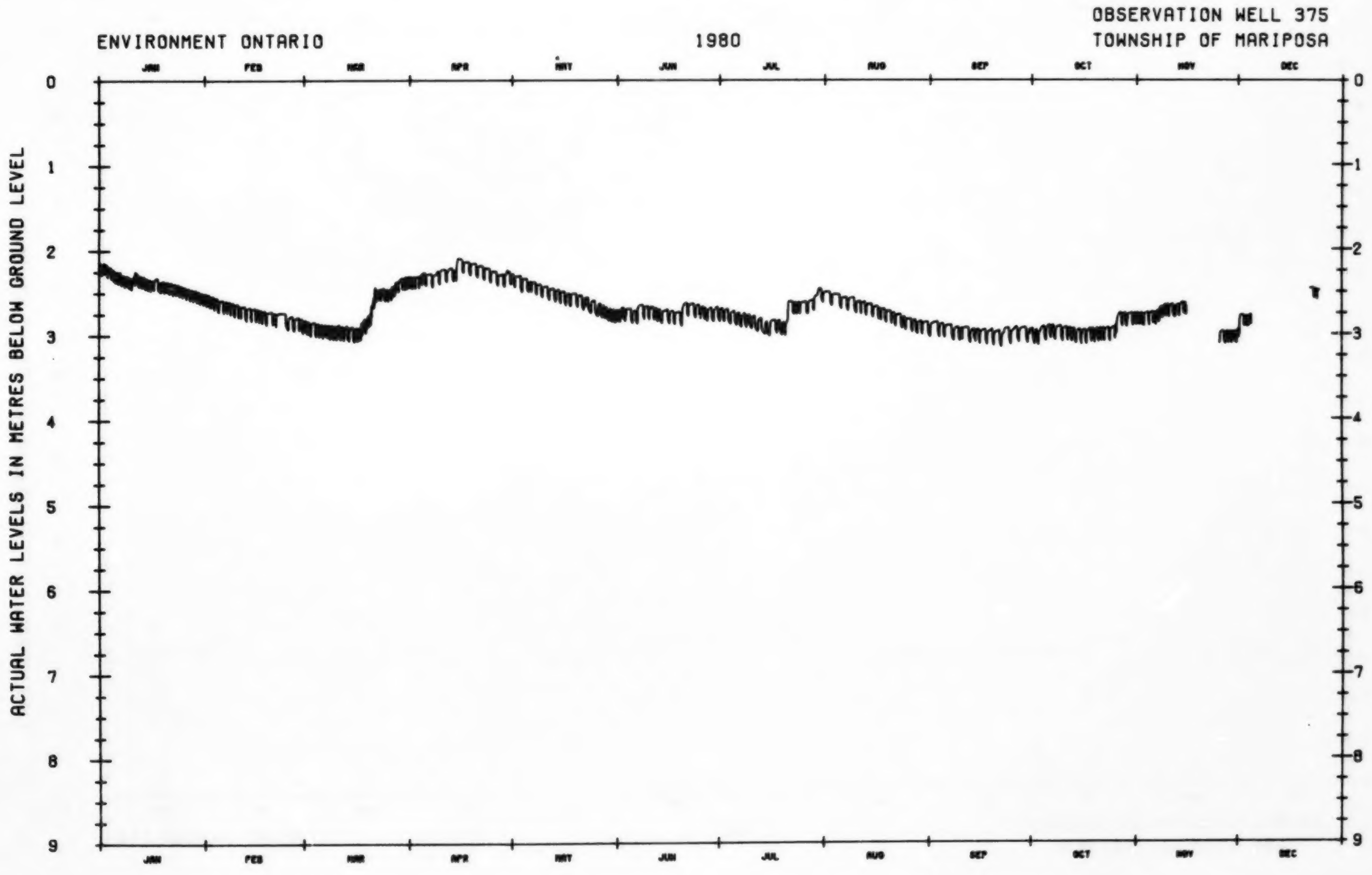
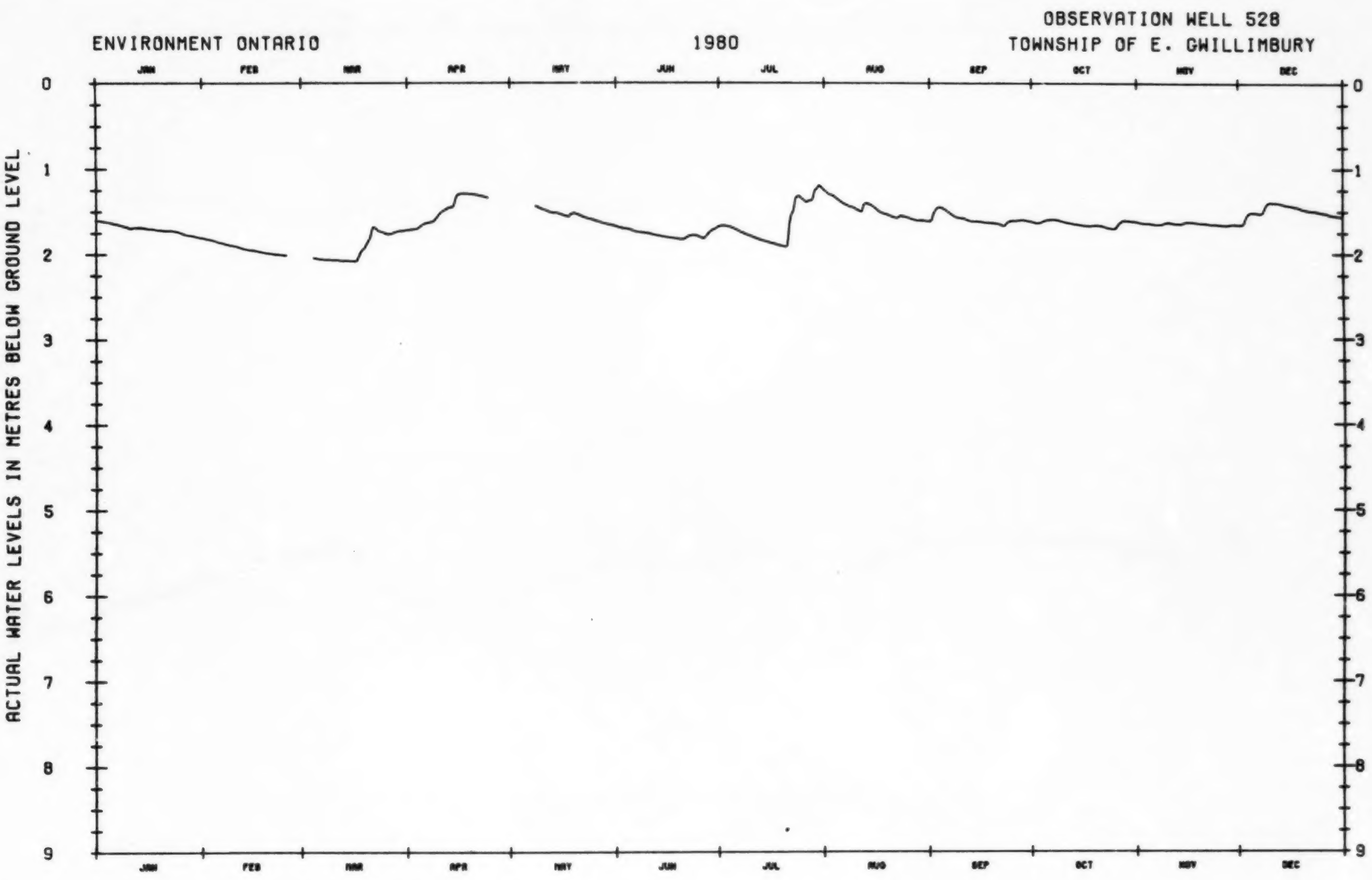
8
9
JAN
FEB
MAR
APR
MAY
JUN
JUL
AUG
SEP
OCT
NOV
DEC


OBSERVATION WELL 375
TOWNSHIP OF MARIPOSA
ENVIRONMENT ONTARIO
1980
JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC
0 1 2 3 4 5 6 7 8 9
ACTUAL WATER LEVELS IN METRES BELOW GROUND LEVEL


OBSERVATION WELL 528
TOWNSHIP OF E. GWILLIMBURY
ENVIRONMENT ONTARIO
1980
JAN
FEB
MAR
APR
MAY
JUN
JUL
AUG
SEP
OCT
NOV
DEC
ACTUAL WATER LEVELS IN METRES BELOW GROUND LEVEL
0
1
2
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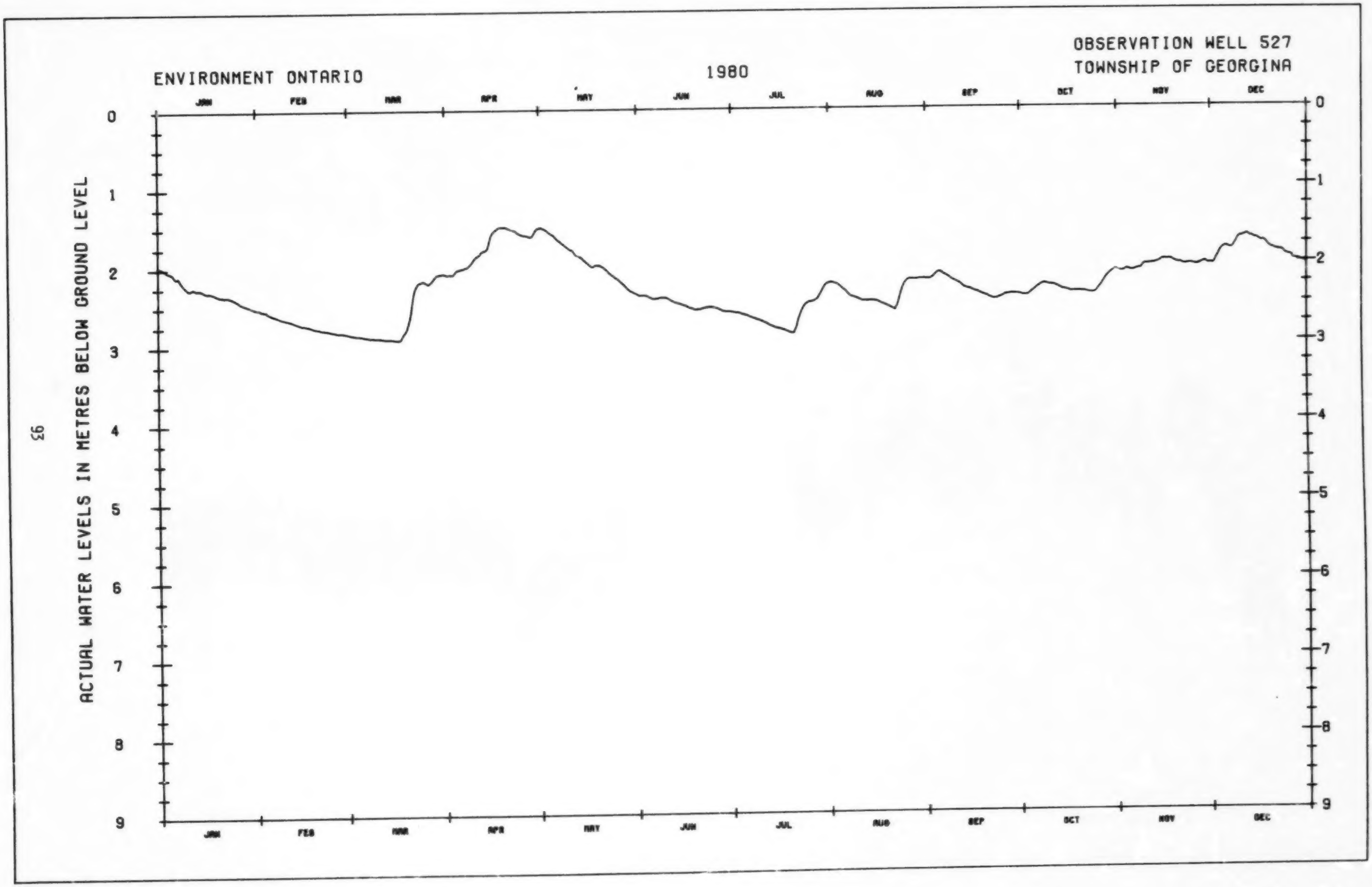
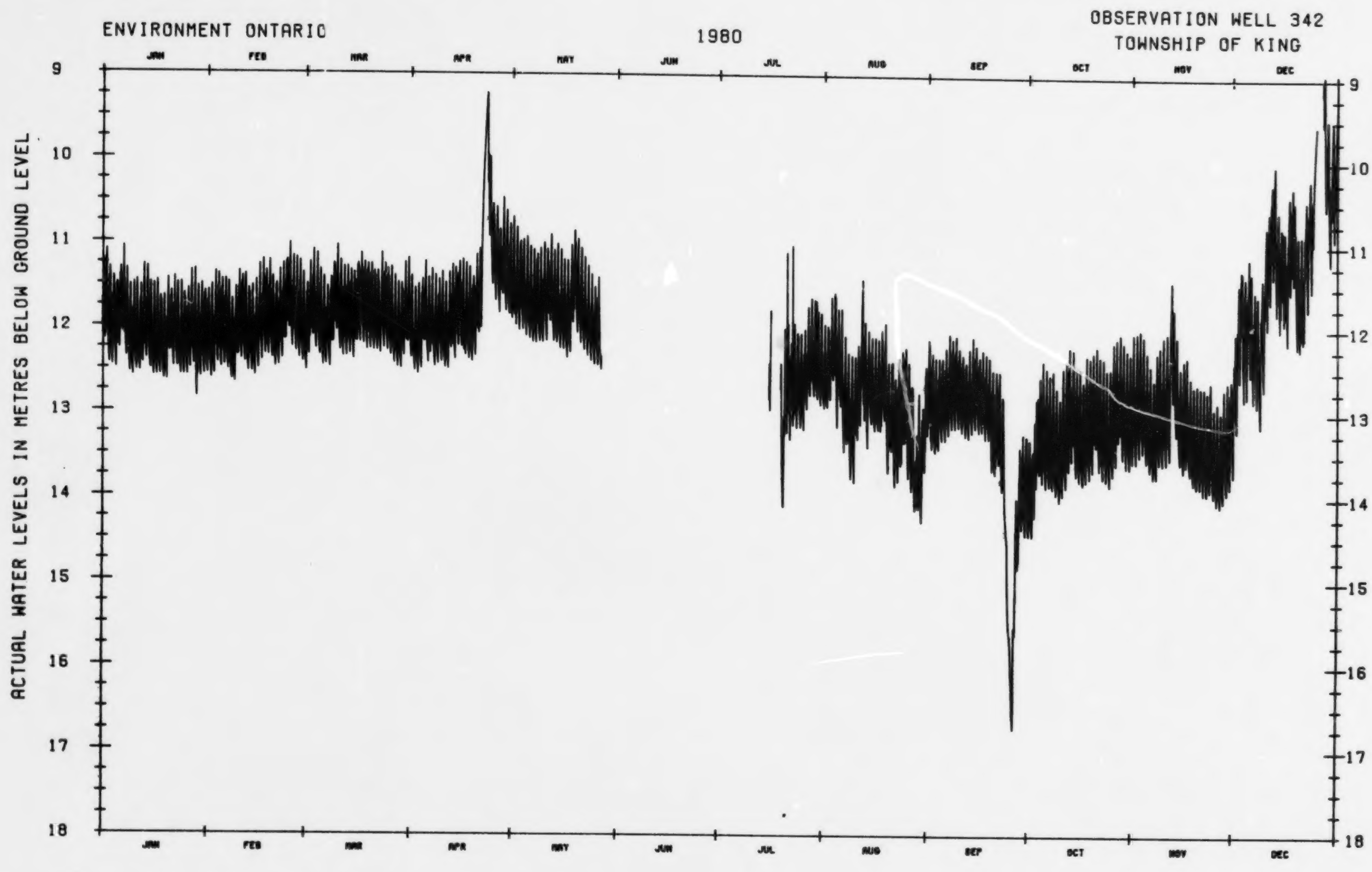
8
9


OBSERVATION WELL 527
TOWNSHIP OF GEORGINA
ENVIRONMENT ONTARIO
1980
JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC
ACTUAL WATER LEVELS IN METRES BELOW GROUND LEVEL
0 1 2 3 4 5 6 7 8 9



ENVIRONMENT ONTARIO
1980
OBSERVATION WELL 342
TOWNSHIP OF KING
ACTUAL WATER LEVELS IN METRES BELOW GROUND LEVEL
JAN
FEB
MAR
APR
MAY
JUN
JUL
AUG
SEP
OCT
NOV
DEC
9
10
11
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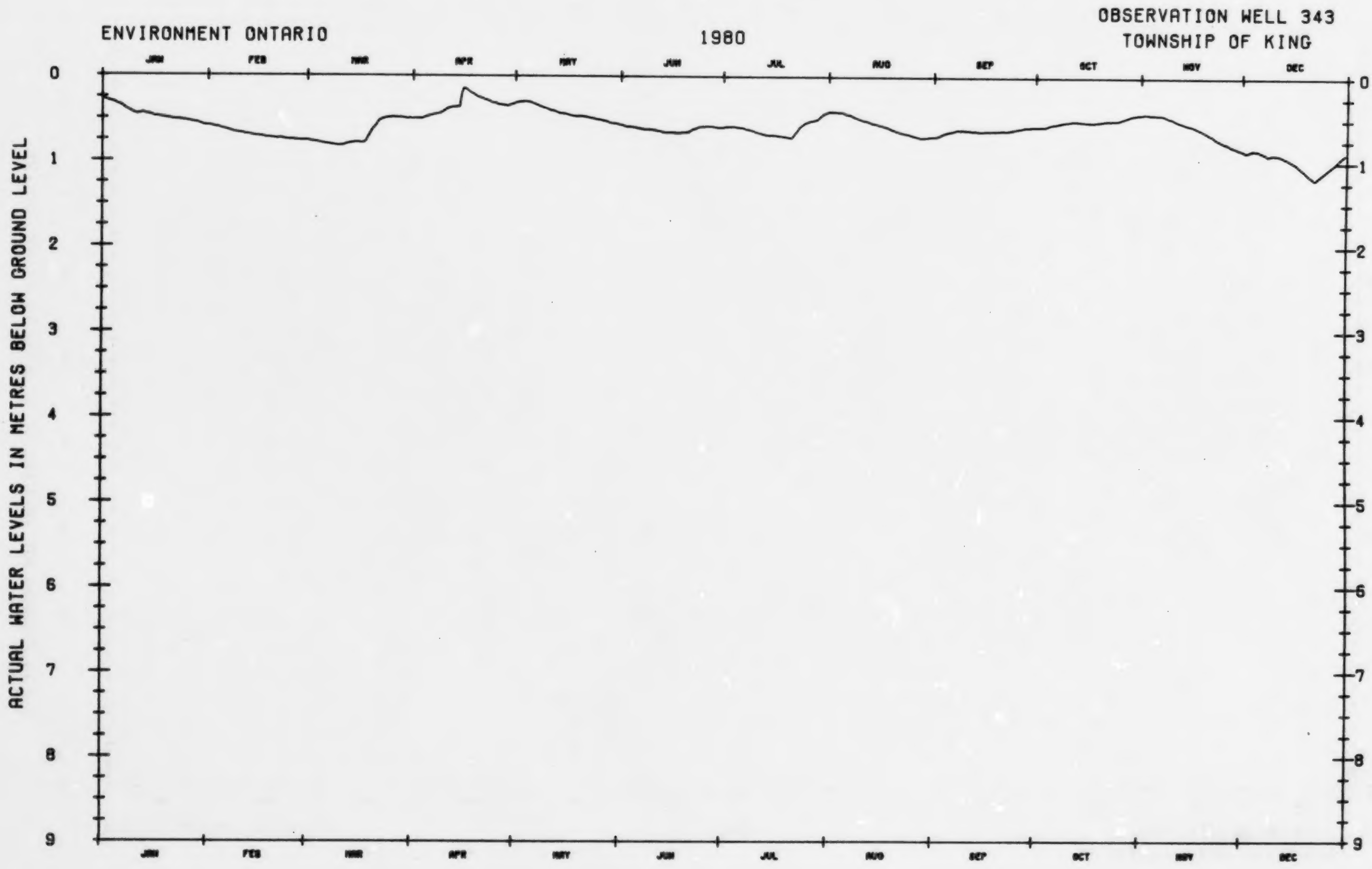
ENVIRONMENT ONTARIO
1980
OBSERVATION WELL 343
TOWNSHIP OF KING
ACTUAL WATER LEVELS IN METRES BELOW GROUND LEVEL
0
1
2
3
4
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6
7
8
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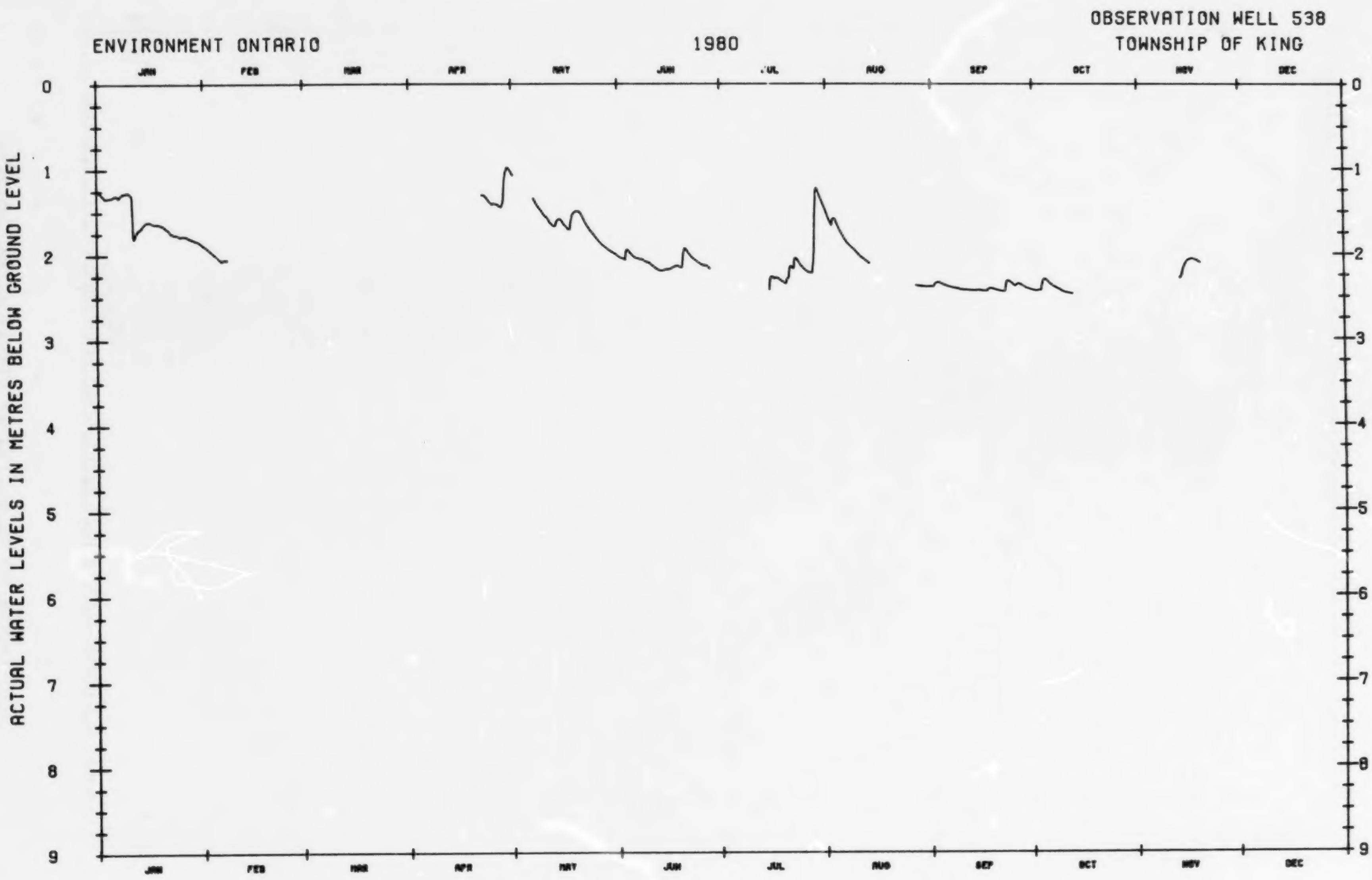
ENVIRONMENT ONTARIO
1980
OBSERVATION WELL 538
TOWNSHIP OF KING
ACTUAL WATER LEVELS IN METRES BELOW GROUND LEVEL
JAN
FEB
MAR
APR
MAY
JUN
JUL
AUG
SEP
OCT
NOV
DEC
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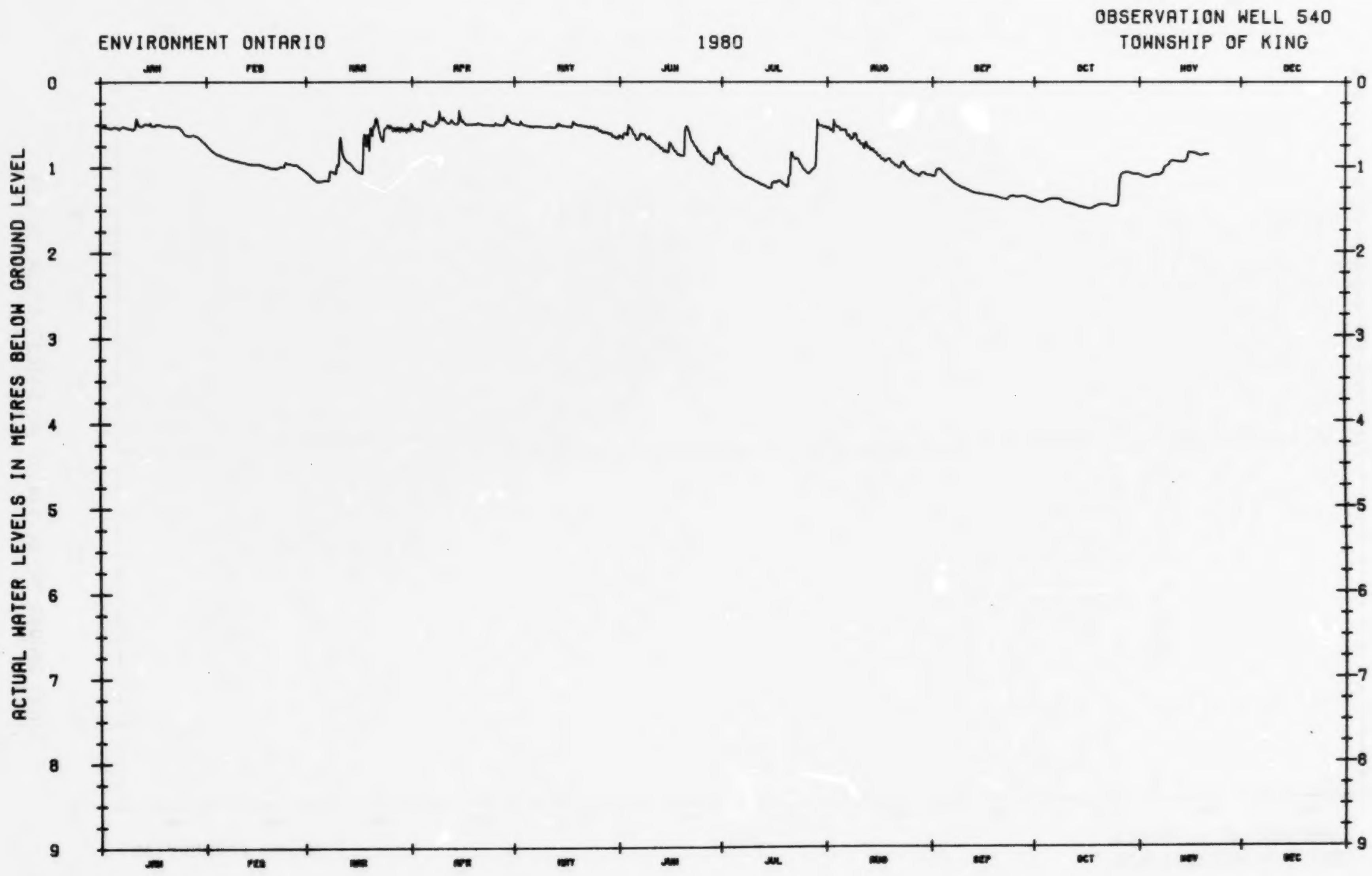
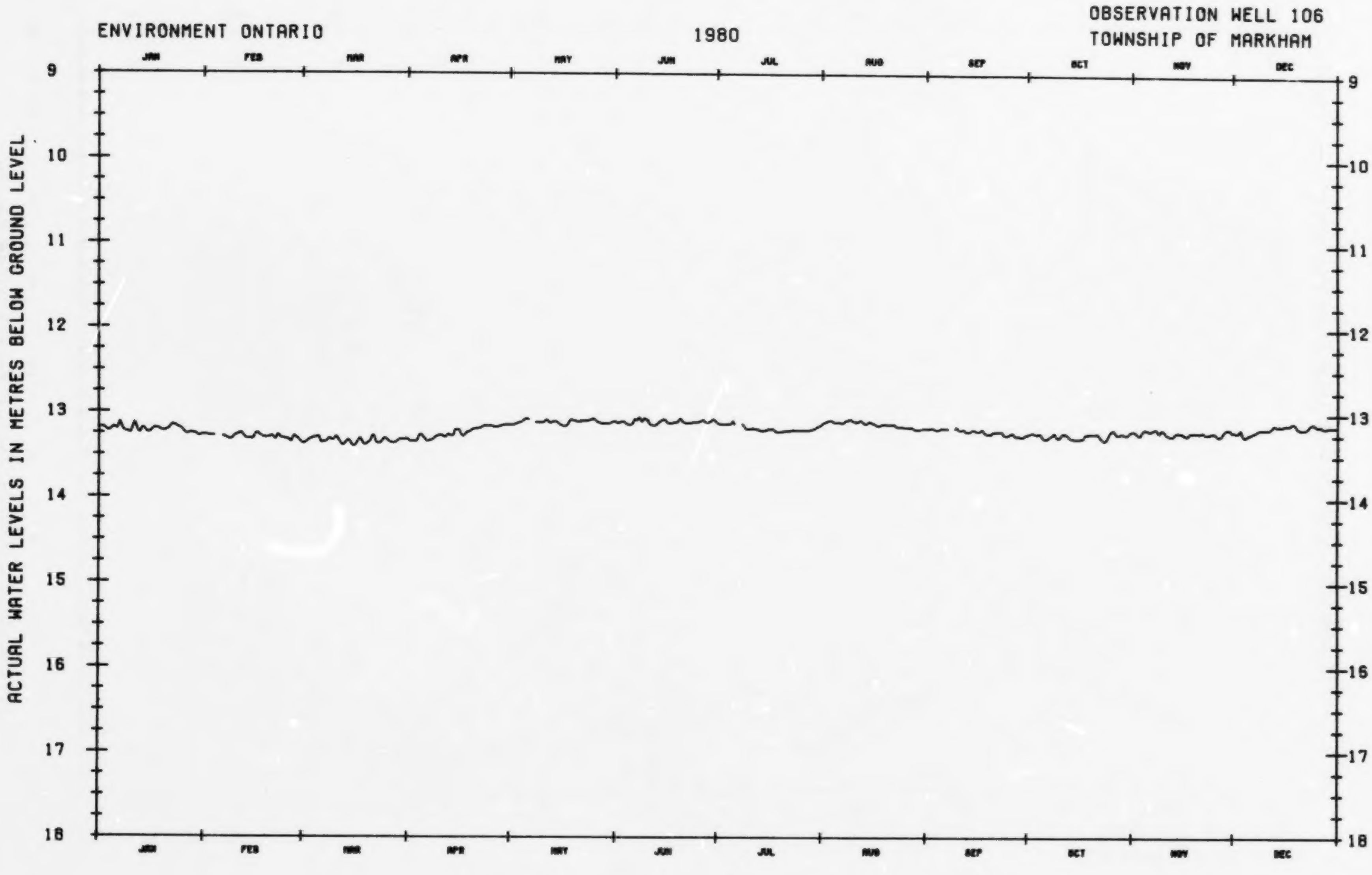

ENVIRONMENT ONTARIO
1980
OBSERVATION WELL 540
TOWNSHIP OF KING
JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC
ACTUAL WATER LEVELS IN METRES BELOW GROUND LEVEL
0 1 2 3 4 5 6 7 8 9


ENVIRONMENT ONTARIO
1980
OBSERVATION WELL 106
TOWNSHIP OF MARKHAM
ACTUAL WATER LEVELS IN METRES BELOW GROUND LEVEL
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17
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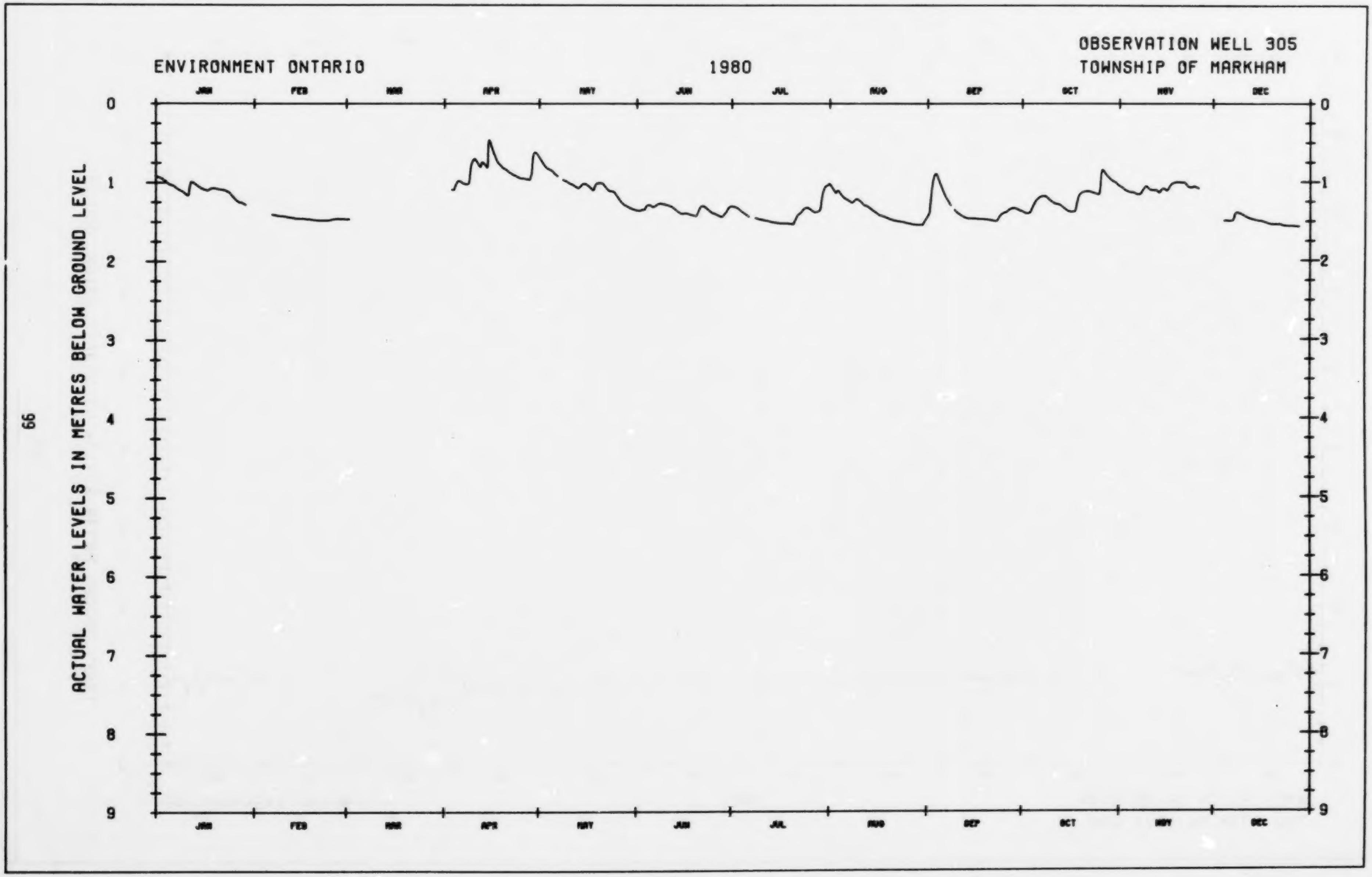
JAN
FEB
MAR
APR
MAY
JUN
JUL
AUG
SEP
OCT
NOV
DEC



ENVIRONMENT ONTARIO
1980
OBSERVATION WELL 305
TOWNSHIP OF MARKHAM
ACTUAL WATER LEVELS IN METRES BELOW GROUND LEVEL
JAN
FEB
MAR
APR
MAY
JUN
JUL
AUG
SEP
OCT
NOV
DEC
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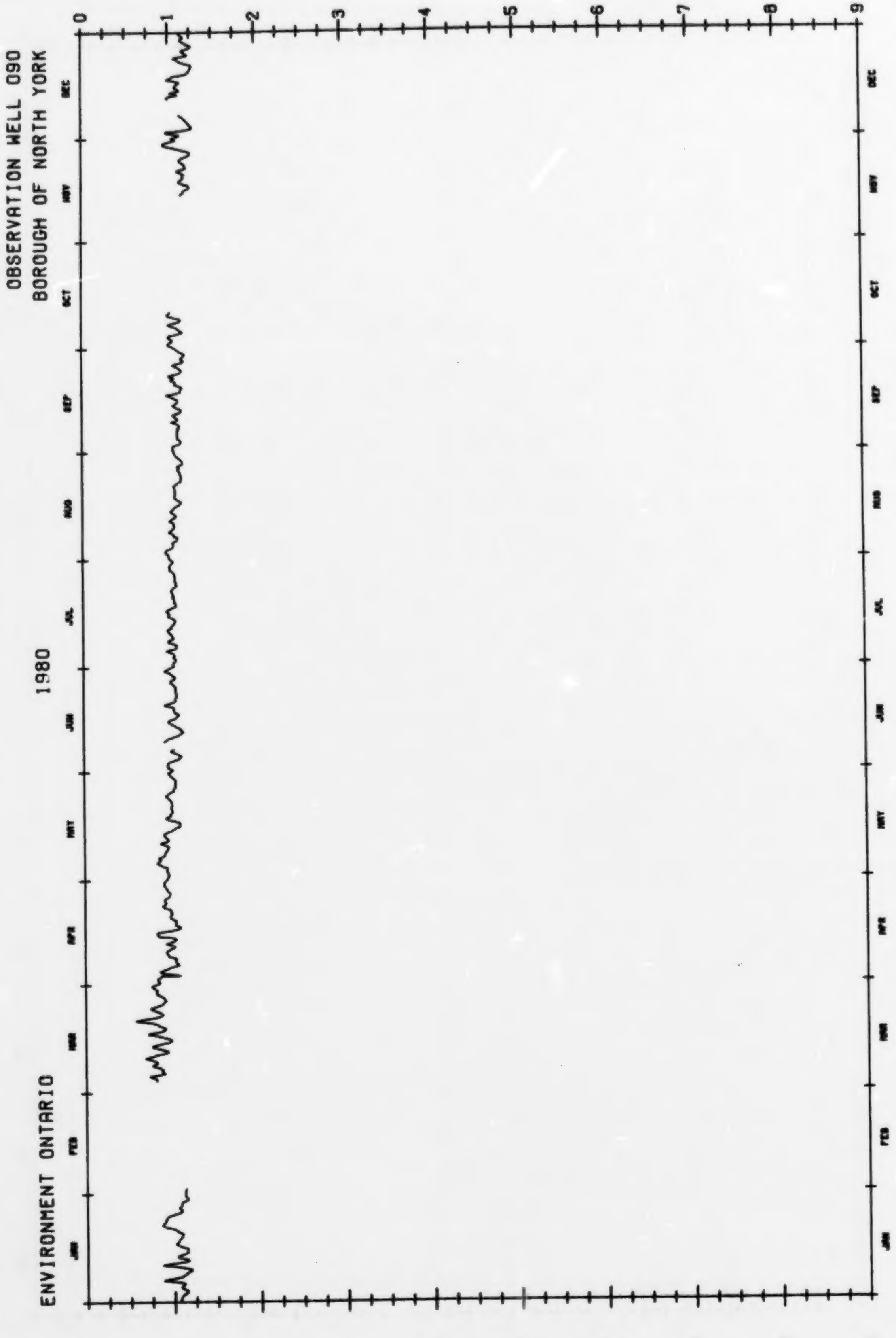
ENVIRONMENT ONTARIO
1980
OBSERVATION WELL 090
BOROUGH OF NORTH YORK
JAN
FEB
MAR
APR
MAY
JUN
JUL
AUG
SEP
OCT
NOV
DEC
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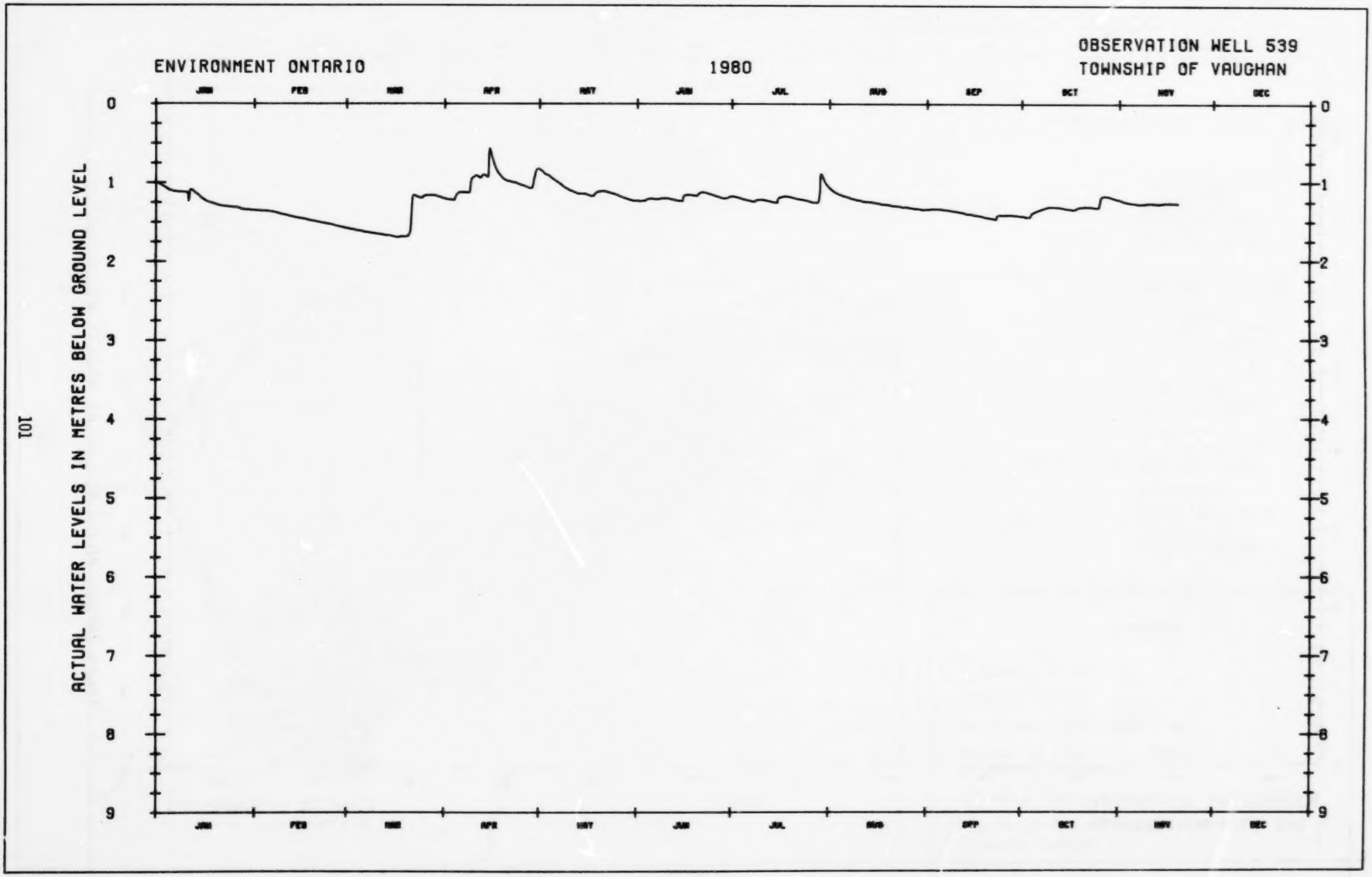
ACTUAL WATER LEVELS IN METRES BELOW GROUND LEVEL


ENVIRONMENT ONTARIO
1980
OBSERVATION WELL 539
TOWNSHIP OF VAUGHAN
ACTUAL WATER LEVELS IN METRES BELOW GROUND LEVEL
0
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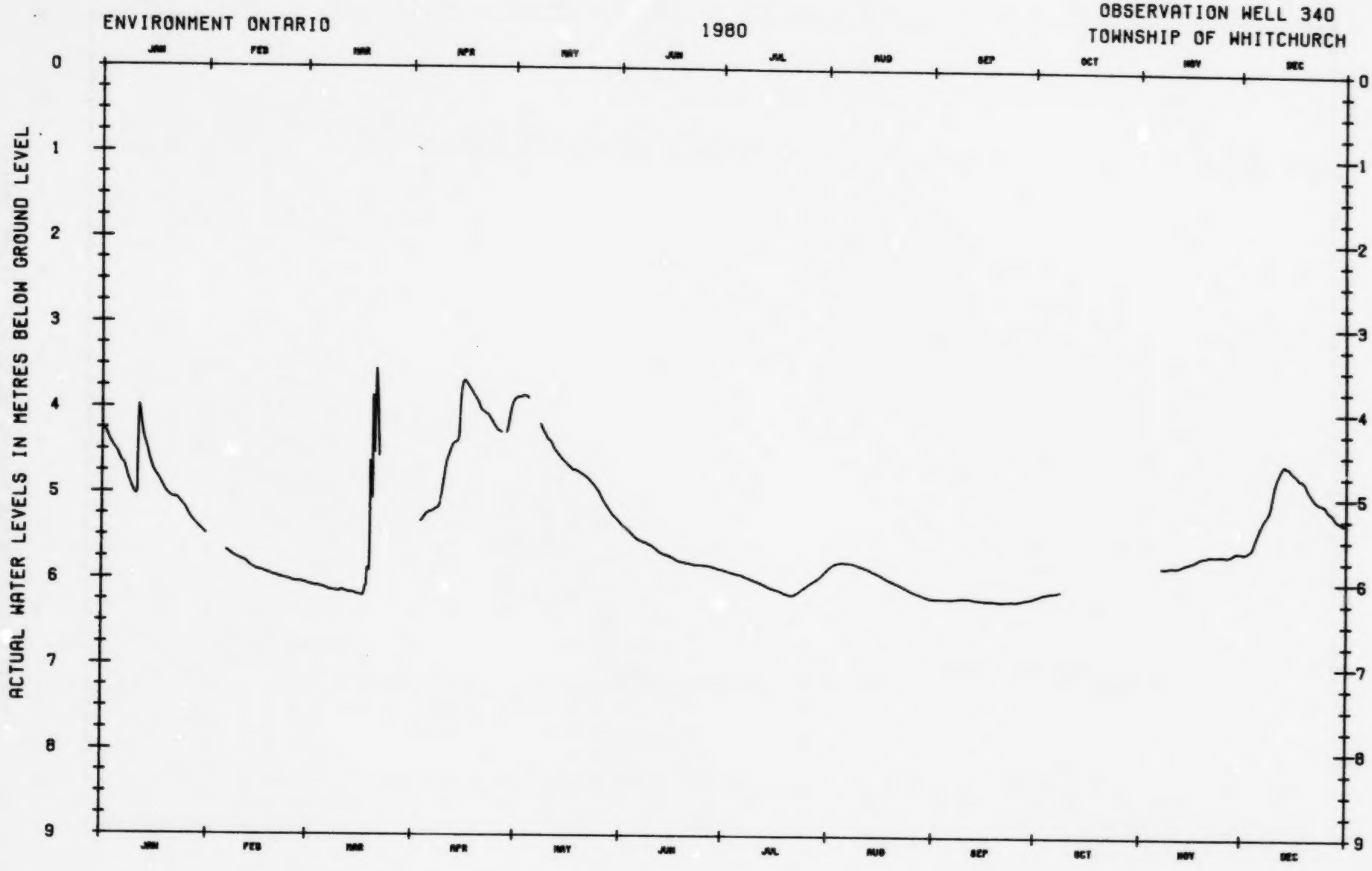
ENVIRONMENT ONTARIO
1980
OBSERVATION WELL 340
TOWNSHIP OF WHITCHURCH
ACTUAL WATER LEVELS IN METRES BELOW GROUND LEVEL
JAN
FEB
MAR
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Southeastern Region ④

Ontario — Ministry of the Environment

OBSERVATION WELL DATA

REGIONAL OFFICE
KINGSTON
133 Dalton St.
613-549-4000

DISTRICT OFFICES

Belleville
15 Victoria Ave.
613-962-9208

Cornwall
408 Pitt St.
613-933-7402

Ottawa
2378 Holly Lane
613-521-3450

Pembroke
1000 MacKay St.
P.O. Box 67
613-732-3643

OBSERVATION WELL DISTRIBUTION

LEGEND

- Regional Office
- District Office
- Recording Observation Well
- Number of Recording Wells in same location
- Manually Measured Well
- Number of Manually Measured Wells in same location

ENVIRONMENT ONTARIO
TORONTO
DUNDAS COUNTY

OBSERVATION WELL 522

CHESTERVILLE — CONC. 4 LOT 18

WELL REC #: 1801941
UTM CO-ORD: 7-18 E481750 N4994100
LAT & LONG: 45-14NORTH 75-06 WEST

REC METHOD: A71 RECORDER
REC COMMCD: MAY 13 1976
MEASURE PT: 0.0 METRES ABOVE GROUND SURFACE
GND ELEV: 69 METRES ABOVE SEA LEVEL
WELL TYPE: DUG
WELL LOG: UNKNOWN 5.

DIAMETER OF WELL: 76 CM
LENGTH OF CASING: 5 METRES
LENGTH OF SCREEN: NONE
DEPTH OF WELL: 5 METRES

PUMP RATE: N.A.
SPEC. CAP: N.A.
AQUIFER : UNKNOWN
QUALITY : FRESH

1980
DAILY MEAN WATER LEVELS IN METRES BELOW GROUND SURFACE

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.25	2.48	2.62	2.36	2.40	2.48	2.58	2.48	2.53				1
2	2.31	2.48	2.62	2.40	2.40	2.44	2.58	2.50	2.50				2
3	2.36	2.50	2.62	2.43	2.41	2.44	2.56	2.52	2.48				3
4	2.37	2.50	2.62	2.43	2.42	2.44	2.57	2.53	2.47				4
5	2.36	2.51	2.62	2.41	2.43	2.46	2.57	2.53	2.48				5
6	2.36	2.51	2.63	2.42	2.44	2.46	2.57	2.54	2.50				6
7	2.36	2.52	2.64	2.43	2.45	2.46	2.58	2.54	2.51				7
8	2.38	2.52	2.64	2.44	2.46	2.46	2.57	2.55	2.52				8
9	2.40	2.52	2.63	2.39	2.47	2.47	2.54	2.55	2.52				9
10	2.42	2.52	2.63	2.29	2.48	2.48	2.53	2.57	2.50				10
11	2.41	2.52	2.62	2.28	2.48	2.49	2.53	2.58	2.46				11
12	2.36	2.53	2.62	2.28	2.48	2.50	2.53	2.58	2.47				12
13	2.33	2.54	2.63	2.25	2.49	2.50	2.54	2.56	2.50				13
14	2.32	2.55	2.63	2.26	2.50	2.50	2.56	2.56	2.48				14
15	2.33	2.55	2.64	2.26	2.50	2.51	2.57	2.55	2.40				15
16	2.34	2.55	2.66	2.28	2.51	2.51	2.57	2.54					16
17	2.36	2.56	2.67	2.31	2.52	2.52	2.58	2.55					17
18	2.36	2.57	2.62	2.34	2.50	2.52	2.55	2.55					18
19	2.37	2.59	2.51	2.37	2.43	2.53	2.56	2.55					19
20	2.40	2.59	2.47	2.40	2.42	2.52	2.56	2.57					20
21	2.40	2.58	2.38	2.42	2.43	2.53	2.56	2.58					21
22	2.41	2.58	2.15	2.43	2.44	2.54	2.54	2.59					22
23	2.41	2.58	1.90	2.44	2.46	2.55	2.53	2.60					23
24	2.42	2.58	2.00	2.45	2.45	2.56	2.53	2.61					24
25	2.43	2.58	2.06	2.45	2.43	2.57	2.54	2.62					25
26	2.44	2.59	2.08	2.43	2.43	2.58	2.55	2.62					26
27	2.45	2.59	2.14	2.43	2.43	2.58	2.56	2.62					27
28	2.46	2.58	2.19	2.43	2.44	2.59	2.56	2.61					28
29	2.46	2.60	2.23	2.42	2.47	2.58	2.54	2.56					29
30	2.47		2.27	2.40	2.49	2.58	2.47	2.55					30
31	2.48		2.32		2.47		2.46	2.56					31
-MONTHLY SUMMARY-													
MEAN	2.39	2.55	2.45	2.38	2.46	2.51	2.55	2.56					MEAN
INST MAX	2.22 (1)	2.48 (1)	1.88 (23)	2.25 (13)	2.39 (1)	2.44 (2)	2.45 (30)	2.47 (1)					INST MAX
INST MIN	2.48 (31)	2.61 (29)	2.67 (17)	2.46 (25)	2.52 (17)	2.59 (28)	2.58 (2)	2.62 (28)					INST MIN

ENVIRONMENT ONTARIO
TORONTO
GRENVILLE COUNTY

OBSERVATION WELL 523

TOWNSHIP OF EDWARDSBURGH — CONC. 7 LOT 32

WELL REC #: 2403219
UTM CO-ORD: 7-18 E454500 N4964400
LAT & LONG: 45-05 NORTH 75-22 WEST

REC METHOD: A71 RECORDER
REC COMMCD: MAY 11 1976
MEASURE PT: 0.3 METRES ABOVE GROUND SURFACE
GND ELEV: 69 METRES ABOVE SEA LEVEL
WELL TYPE: DUG
WELL LOG: UNKNOWN 9.5.

DIAMETER OF WELL: 91 CM
LENGTH OF CASING: 9.5 METRES
LENGTH OF SCREEN: NONE
DEPTH OF WELL: 9.5 METRES

PUMP RATE: N.A.
SPEC. CAP: N.A.
AQUIFER : UNKNOWN
QUALITY : FRESH

19[illegible]
DAILY MEAN WATER LEVELS [illegible] METRES BELOW GROUND SURFACE

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1													1
2													2
3													3
4													4
5											8.78 E		5
6											8.73 E		6
7													7
8											8.58 E		8
9											8.73 E		9
10											8.97 E		10
11													11
12													12
13													13
14													14
15													15
16													16
17													17
18													18
19													19
20													20
21													21
22													22
23													23
24													24
25													25
26													26
27													27
28													28
29													29
30													30
31										8.99 E			31
-MONTHLY SUMMARY-													
MEAN													MEAN
INST MAX													INST MAX
INST MIN													INST MIN

ENVIRONMENT ONTARIO
TORONTO
HASTINGS COUNTY

OBSERVATION WELL 209

TOWNSHIP OF HUNGERFORD CONC. 5 LOT 1

WELL REC #: 2900582
UTM CO-ORD: 7-18 E312982 N4918717
LAT & LONG: 44-24NORTH 77-21WEST

REC METHOD: FEI TYPE RECORDER
REC COMMENCED: NOV. 25 1967
MEASURE PT: 0.9 METRES ABOVE GROUND SURFACE
GND ELEV: 165 METRES ABOVE SEA LEVEL
WELL TYPE: DRILLED
WELL LOG: SAND AND BOULDERS 2.1; LIMESTONE 21.7.

DIAMETER OF WELL: 15 CM
LENGTH OF CASING: 2.6 METRES
LENGTH OF SCREEN: NONE
DEPTH OF WELL: 21.7 METRES

PUMP RATE: N.A.
SPEC. CAP: N.A.
AQUIFER : LIMESTONE
QUALITY : FRESH

1980
DAILY MEAN WATER LEVELS IN METRES BELOW GROUND SURFACE

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1			11.56	6.87						13.71 E	13.78 E		1
2			11.48	7.87						13.78 E	13.82 E		2
3			11.53	8.44						13.80 E	13.79 E		3
4			11.54	8.82						13.79 E	13.80 E		4
5			11.65							13.82 E	13.38 E		5
6			11.60	9.54						13.78 E			6
7			11.56							13.77 E			7
8			11.49							13.79 E			8
9			11.51	9.97						13.86 E			9
10			11.73	10.23						13.84 E			10
11			12.15							13.82 E			11
12			11.95							13.80 E			12
13	10.35		12.08							13.84 E			13
14	10.35		11.79							13.87 E			14
15			11.84							13.85 E			15
16	10.46		11.72							13.86 E			16
17	10.27		11.82						13.85 E	13.83 E			17
18	10.56		11.52						13.85 E	13.82 E			18
19			11.66						13.82 E	13.83 E			19
20	10.90		11.68						13.81 E	13.81 E			20
21			11.59						13.78 E	13.83 E			21
22	12.45		11.36						13.82 E	13.84 E			22
23	10.72	11.77	7.70						13.88 E	13.86 E			23
24	10.70		2.19						13.88 E	13.86 E			24
25	10.76		2.10						13.82 E	13.82 E			25
26	10.82	11.79	2.11						13.82 E	13.79 E			26
27	10.78	11.96	2.16						13.81 E	13.86 E			27
28	10.80	11.83	2.32						13.79 E	13.83 E			28
29	10.76	11.81	2.59						13.77 E	13.81 E			29
30	10.79		3.25						13.70 E	13.84 E			30
31	11.29		5.11							13.80 E			31

-MONTHLY SUMMARY-

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
MEAN			9.23							13.82			MEAN
INST MAX			2.09 (25)							13.66 (1)			INST MAX
INST MIN			12.51 (11)							13.91 (27)			INST MIN

ENVIRONMENT ONTARIO
TORONTO
HASTINGS COUNTY

OBSERVATION WELL 400

TOWNSHIP OF SIDNEY CONC. 5 LOT 1

WELL REC #: 2906088
UTM CO-ORD: 7-18 E291640 N4896980
LAT & LONG: 44-12NORTH 77-37WEST

REC METHOD: FEI TYPE RECORDER
REC COMMENCED: JAN. 1974
MEASURE PT: 1.0 METRES ABOVE GROUND SURFACE
GND ELEV: 122 METRES ABOVE SEA LEVEL
WELL TYPE: DRILLED
WELL LOG: BLACK TOPSOIL 0.3; BROWN SAND 0.9; LOOSE BROWN SAND AND FINE GRAVEL 2.1; BROWN SAND AND COARSE GRAVEL 15.3; BROWN SAND GRAVEL BOULDERS 18.3; GREY LIMESTONE 19.8.

DIAMETER OF WELL: 15 CM
LENGTH OF CASING: 15.3 METRES
LENGTH OF SCREEN: 3.0 METRES
DEPTH OF WELL: 18.3 METRES

PUMP RATE: 11 L/S
SPEC. CAP: 2.23 L/S/M
AQUIFER : SAND AND GRAVEL
QUALITY : FRESH

1980
DAILY MEAN WATER LEVELS IN METRES BELOW GROUND SURFACE

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	15.97	15.40	15.63		14.42 E	14.04		15.83			15.63	15.57	1
2	15.94		15.64		14.38 E	14.04		15.84			15.62	15.57	2
3	15.92		15.65		14.34 E	14.05		15.84			15.62	15.56	3
4	15.89		15.65		14.29 E	14.05		15.84			15.61	15.56	4
5	15.87		15.66		14.26 E	14.05		15.84			15.61	15.55	5
6	15.86		15.66		14.24 E	14.05		15.85			15.61	15.55	6
7	15.82		15.67		14.22 E	14.05		15.87			15.61	15.54	7
8	15.73		15.67		14.19 E	14.06		15.90			15.61	15.53	8
9	15.72		15.67		14.17 E	14.06		15.92			15.61	15.53	9
10	15.72		15.68		14.15 E	14.07		15.94			15.61	15.52	10
11	15.72		15.68		14.12 E	14.08		15.96			15.61	15.51	11
12	15.73		15.68		14.10 E	14.09		15.97			15.61	15.50	12
13	15.73		15.68		14.06 E	14.09		15.98			15.61	15.49	13
14	15.72		15.68		14.03 E	14.10		15.98			15.61	15.47	14
15	15.69		15.68	15.09 E	14.00 E	14.11		15.98			15.61	15.46	15
16	15.65		15.68	15.05 E	13.99	14.11	15.69				15.60	15.45	16
17	15.62		15.67	15.01 E	13.98		15.70				15.60	15.44	17
18	15.60		15.67	14.97 E	13.96		15.72				15.60	15.42	18
19	15.57		15.67	14.93 E	13.95		15.74				15.59	15.41	19
20	15.55		15.65	14.89 E	13.95		15.75				15.59	15.41	20
21	15.54		15.63	14.85 E	13.94		15.76				15.59	15.40	21
22	15.52	15.57	15.59	14.81 E	13.93		15.78				15.59	15.39	22
23	15.51	15.58	15.55	14.75 E	13.94		15.80				15.59	15.38	23
24	15.50	15.59		14.71 E	13.95		15.81			15.59	15.59	15.38	24
25	15.49	15.60		14.67 E	13.96		15.82			15.61	15.59	15.37	25
26	15.49	15.61		14.63 E	13.98		15.83			15.62	15.59	15.36	26
27	15.48	15.62		14.59 E	14.00		15.83			15.63	15.58	15.36	27
28	15.47	15.62		14.55 E	14.02		15.83			15.63	15.57	15.35	28
29	15.45	15.63		14.51 E	14.04		15.83			15.64	15.57	15.34	29
30	15.43			14.46 E	14.04		15.83			15.64	15.57	15.33	30
31	15.41				14.04		15.83			15.63		15.33	31

-MONTHLY SUMMARY-

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
MEAN	15.66				14.09						15.60	15.45	MEAN
INST MAX	15.40 (31)				13.93 (22)						15.57 (30)	15.33 (31)	INST MAX
INST MIN	15.99 (1)				14.44 (1)						15.63 (1)	15.57 (1)	INST MIN

ENVIRONMENT ONTARIO
TORONTO
HASTINGS COUNTY

OBSERVATION WELL 554

TOWNSHIP OF SIDNEY   CONC. 5   LOT 13

WELL REC #: 2409393
UTM CO-ORD: 2-18 E298000 N4898120
LAT & LONG: 44-13NORTH 77-00WEST

REC METHOD: A-35 RECORDER
REC COMMCD: JUNE 20 1979
MEASURE PT: 0.55 METRES ABOVE GROUND SURFACE
GND ELEV: 122 METRES ABOVE SEA LEVEL
WELL TYPE: DRILLED
WELL LOG: DENSE BROWN CLAY & STONES 6.11 LOOSE BROWN SAND & GRAVEL 17.41 SHATTERED GREY LIMESTONE 17.7.

DIAMETER OF WELL: 20 CM
LENGTH OF CASING: 13.7 METRES
LENGTH OF SCREEN: 3.4 METRES
DEPTH OF WELL: 17.1 METRES

PUMP RATE: 11.4 L/S
SPEC. CAP: 2.81 L/S/M
AQUIFER : SAND AND GRAVEL
QUALITY : FRESH

1980
DAILY MEAN WATER LEVELS IN METRES BELOW GROUND SURFACE

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3.15		3.28	3.25		2.79 E	2.92 E	2.97 E	3.04 E	3.27	3.29	3.19	1
2	3.17		3.28	3.24		2.80 E	2.92 E	2.98 E	3.05 E	3.28	3.30	3.18	2
3	3.18		3.29	3.24		2.81 E	2.92 E	2.97 E	3.04 E	3.28	3.31	3.17	3
4	3.19		3.29	3.24		2.82 E	2.92 E	2.97 E	3.05 E	3.28	3.31	3.13	4
5	3.20		3.29	3.24			2.92 E	2.98 E	3.05 E	3.28	3.31	3.10	5
6	3.22		3.29	3.23			2.93 E	2.98 E	3.06 E	3.28	3.32	3.09	6
7	3.23		3.29	3.23			2.93 E	2.98 E	3.07 E	3.29	3.33	3.09	7
8	3.24		3.29	3.22		2.83 E	2.93 E	2.99 E	3.07 E	3.29	3.33	3.10	8
9	3.24		3.29	3.25			2.93 E	2.99 E	3.08 E	3.30	3.33	3.10	9
10	3.25		3.28	3.28			2.93 E	2.99 E	3.08 E	3.30	3.32	3.07	10
11	3.21		3.26	3.29			2.94 E	3.00 E	3.08 E	3.30	3.32	3.06	11
12	3.04		3.27	3.30			2.94 E	3.00 E	3.09 E	3.30	3.32	3.06	12
13	3.06		3.27	3.31			2.94 E	3.00 E	3.10 E	3.30	3.31	3.06	13
14	3.08		3.27	3.00 E			2.94 E	3.00 E	3.11 E	3.30	3.28	3.06	14
15	3.09		3.27	2.73 E			2.94 E	3.01 E	3.11 E	3.31	3.24	3.07	15
16	3.09		3.28	2.72 E			2.94 E	3.01 E	3.12 E	3.32	3.20	3.08	16
17	3.09		3.23	2.72 E			2.94 E	3.02 E	3.24	3.32	3.20	3.10	17
18	3.08		3.07	2.72 E			2.94 E	3.02 E	3.24	3.32	3.20	3.11	18
19	3.07		3.04	2.73 E	2.71 E		2.94 E	3.03 E	3.24	3.33	3.20	3.11	19
20	3.07		3.09	2.73 E	2.72 E		2.95 E	3.03 E	3.24	3.33	3.19		20
21	3.07		3.53	2.74 E	2.72 E	2.88 E	2.95 E	2.94 E	3.24	3.33	3.19		21
22	3.07	3.26	3.74	2.76 E	2.72 E	2.90 E	2.95 E	2.96 E	3.25	3.33	3.19		22
23	3.08	3.26	3.80		2.73 E	2.90 E	2.95 E	2.99 E	3.25	3.34	3.19		23
24	3.08	3.27	3.49		2.75 E	2.90 E	2.95 E	3.01 E	3.26	3.33	3.19		24
25		3.27	3.42		2.76 E	2.91 E	2.96 E	3.02 E	3.26	3.33	3.19		25
26		3.27	3.36		2.76 E	2.90 E	2.96 E	3.03 E	3.26	3.31	3.19		26
27		3.27	3.33		2.77 E	2.91 E	2.96 E	3.03 E	3.26	3.24	3.21		27
28		3.27	3.30		2.77 E	2.92 E	2.96 E	3.03 E	3.27	3.25	3.21		28
29		3.27	3.29		2.78 E	2.92 E	2.97 E	3.02 E	3.27	3.27	3.21		29
30			3.28		2.78 E	2.92 E	2.97 E	3.03 E	3.27	3.28	3.20		30
31			3.27		2.79 E		2.97 E	3.04 E		3.28			31

-MONTHLY SUMMARY-

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
MEAN			3.31				2.94	3.00	3.16	3.30	3.25		MEAN
INST MAX			3.01 (18)				2.92 (1)	2.92 (21)	3.04 (1)	3.16 (1)	3.19 (21)		INST MAX
INST MIN			3.90 (21)				2.97 (31)	3.04 (31)	3.27 (28)	3.34 (22)	3.33 (8)		INST MIN

ENVIRONMENT ONTARIO
TORONTO
HASTINGS COUNTY

OBSERVATION WELL 122

TOWNSHIP OF THURLOW   CONC. 6   LOT 22

WELL REC #: 2905883
UTM CO-ORD: 2-18 E312800 N4904950
LAT & LONG: 44-17NORTH 77-21WEST

REC METHOD: 'F' TYPE RECORDER
REC COMMCD: FEB 2 1965
MEASURE PT: 0.6 METRES ABOVE GROUND SURFACE
GND ELEV: 114 METRES ABOVE SEA LEVEL
WELL TYPE: DUG
WELL LOG: STONEY CLAY 9.2.

DIAMETER OF WELL: 122 CM
LENGTH OF CASING: 9.2 METRES
LENGTH OF SCREEN: NONE
DEPTH OF WELL: 9.2 METRES

PUMP RATE: N.A.
SPEC. CAP: N.A.
AQUIFER : CLAY
QUALITY : FRESH

1980
DAILY MEAN WATER LEVELS IN METRES BELOW GROUND SURFACE

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.81	1.18	1.92	0.74						2.76	2.02	1.19	1
2	0.81	1.23	1.94	0.71						2.77	1.99	1.12	2
3	0.84	1.27	1.94	0.67						2.78	1.97	0.90	3
4	0.88	1.31	1.96							2.79	1.95	0.82	4
5	0.93	1.34	1.97							2.80	1.94	0.86	5
6	0.99	1.37	2.00							2.82	1.93	0.89	6
7	1.03	1.39	2.02							2.83	1.92	0.87	7
8	1.08	1.41	2.04							2.83	1.89	0.85	8
9	1.12	1.43	2.06							2.84	1.83	0.99	9
10	1.15	1.46	2.08							2.86	1.70	1.01	10
11	1.09	1.49	2.08							2.87	1.58	0.97	11
12	0.74	1.52	2.10							2.87	1.52	0.94	12
13	0.73	1.56	2.13							2.85	1.49	0.92	13
14	0.74	1.59	2.14							2.84	1.45	0.89	14
15	0.77	1.62	2.14							2.83	1.40	0.87	15
16	0.79	1.63	2.16							2.83	1.34	0.83	16
17	0.81	1.66	2.17						2.68	2.86	1.30	0.80	17
18	0.77	1.69	2.15						2.69	2.84	1.30		18
19	0.74	1.71	2.15						2.71	2.85	1.31		19
20	0.73	1.73	2.14						2.72	2.84	1.33		20
21	0.74	1.75	2.05						2.74	2.84	1.35		21
22	0.77	1.77	1.43						2.76	2.84	1.36		22
23	0.79	1.80	1.05						2.77	2.85	1.37		23
24	0.82	1.82	1.02						2.78	2.87	1.37		24
25	0.87	1.83	1.02						2.78	2.88	1.35		25
26	0.95	1.85	0.96						2.79	2.81	1.30		26
27	1.00	1.87	0.94						2.79	2.56	1.26		27
28	1.05	1.88	0.92						2.77	2.37	1.25		28
29	1.08	1.90	0.90						2.76	2.24	1.21		29
30	1.11		0.84						2.76	2.15	1.22		30
31	1.15		0.78							2.08			31

-MONTHLY SUMMARY-

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
MEAN	0.90	1.59	1.72							2.74	1.54		MEAN
INST MAX	0.71 (12)	1.16 (1)	0.75 (31)							2.04 (31)	1.21 (30)		INST MAX
INST MIN	1.17 (11)	1.91 (29)	2.17 (17)							2.88 (25)	2.04 (1)		INST MIN

ENVIRONMENT ONTARIO | **OBSERVATION WELL 555** | WELL REC #: 1514800
TORONTO | UTM CO-ORD: 7-18 E455800 N5015200
REG. MUNICIPALITY OF OTTAWA-CARLETON TOWNSHIP OF GLOUCESTER CF 5 LOT 28 | LAT & LONG: 45-16NORTH 75-30WEST

REC METHOD: A-35 RECORDER | DIAMETER OF WELL: 20 CM | PUMP RATE: 2.1 L/S
REC COMMENC: AUG. 02 1979 | LENGTH OF CASING: 2.4 METRES | SPEC. CAP: 0.04 L/S/M
MEASURE PT: 0.0 METRES ABOVE GROUND SURFACE | LENGTH OF SCREEN: NONE | AQUIFER : LIMESTONE
GND ELEV: 114 METRES ABOVE SEA LEVEL | DEPTH OF WELL: 21.4 METRES | QUALITY : FRESH
WELL TYPE: DRILLED
WELL LOG: PACKED BROWN SAND WITH GRAVEL & BOULDERS 2.1; GREY LIMESTONE 9.8; BROKEN GREY LIMESTONE 21.4.

1980
DAILY MEAN WATER LEVELS IN METRES BELOW GROUND SURFACE

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1						6.04	7.69	8.42	9.17		8.89	9.83	1
2						6.07	7.72	8.42	9.18		8.87	9.87	2
3						6.13	7.75	8.43	9.20		8.97	9.88	3
4						6.23	7.78	8.48	9.12		9.16	9.83	4
5						6.32	7.77	8.48	9.06		9.17	9.93	5
6						6.33	7.86	8.49	9.04		9.18	9.81	6
7						6.35	7.90	8.50	9.00		9.23	9.69	7
8						6.35	7.88	8.49	8.97		9.21	9.80	8
9						6.44	7.96	8.54	8.90		9.28	9.79	9
10						6.56	7.95	8.59	8.91		9.32	9.83	10
11						6.68	7.98	8.59	8.86		9.28	9.77	11
12						6.77	8.01	8.60	8.90		9.27	9.85	12
13						6.78	8.05	8.64	8.84		9.32	9.86	13
14						6.78	8.09	8.65	8.79		9.18	9.83	14
15						6.82	8.07	8.68	8.81		9.37		15
16						6.96	8.10	8.74	8.78		9.35		16
17						7.02	8.12	8.77	8.75		9.37		17
18						7.08	8.20	8.76	8.80		9.45		18
19						7.09	8.21	8.79	8.76		9.39		19
20						7.08	8.21	8.84	8.70		9.37		20
21						7.20	8.22	8.86	8.72		9.38		21
22						7.27	8.22	8.89	8.71		9.32		22
23						7.32	8.25	8.93	8.74		9.30		23
24						7.35	8.31	8.95	8.73		9.34		24
25						7.39	8.32	8.97	8.61		9.34		25
26						7.41	8.35	9.01	8.55	8.10	9.29		26
27						7.48	8.38	9.04	8.53	8.05	9.33		27
28						7.56	8.39	9.09	8.45	8.26	9.49		28
29					5.95	7.58	8.40	9.10		8.37	9.57		29
30					5.97	7.58	8.43	9.10		8.54	9.45		30
31					5.96		8.46	9.14		8.81			31
					-MONTHLY SUMMARY-								
MEAN						6.86	8.10	8.74			9.30		MEAN
INST MAX						5.97 (1)	7.65 (1)	8.41 (1)			8.86 (2)		INST MAX
INST MIN						7.65 (30)	8.46 (31)	9.17 (31)			9.60 (28)		INST MIN

ENVIRONMENT ONTARIO | **OBSERVATION WELL 561** | WELL REC #: 1514435
TORONTO | UTM CO-ORD: 7-18 E440515 N5014864
REG. MUNICIPALITY OF OTTAWA-CARLETON TOWNSHIP OF NEPEAN CF 3 LOT 20 | LAT & LONG: 45-17NORTH 75-45WEST

REC METHOD: A35 RECORDER | DIAMETER OF WELL: 30 CM | PUMP RATE: 6 L/S
REC COMMENC: NOV. 30 1978 | LENGTH OF CASING: 6.7 METRES | SPEC. CAP: N.A.
MEASURE PT: METRES ABOVE GROUND SURFACE | LENGTH OF SCREEN: NONE | AQUIFER : WHITE SANDSTONE
GND ELEV: 98 METRES ABOVE SEA LEVEL | DEPTH OF WELL: 89.7 METRES | QUALITY : FRESH
WELL TYPE: DRILLED
WELL LOG: GREY CLAY 4.0; WHITE SANDSTONE 89.7.

1980
DAILY MEAN WATER LEVELS IN METRES BELOW MEASURING POINT

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.28	2.94	3.32	3.44						3.00	2.77	2.81	1
2	2.32	2.96	3.32	3.46						3.01	2.79	2.80	2
3	2.37	2.97	3.33	3.48						3.02	2.80	2.70	3
4	2.42	2.99	3.34	3.49						3.03	2.86	2.69	4
5	2.47	3.00	3.36	3.48						3.02	2.82	2.69	5
6	2.49	3.02	3.39	3.48						3.01	2.83	2.70	6
7	2.50	3.04	3.39	3.48						3.01	2.84	2.71	7
8	2.54	3.06	3.39	3.49						3.00	2.81	2.71	8
9	2.59	3.06	3.39	3.37						3.02	2.78	2.70	9
10	2.61	3.08	3.39	3.12						3.02	2.78	2.70	10
11	2.59	3.10	3.38	2.97						3.02	2.79	2.72	11
12	2.51	3.11	3.37	2.92						3.02	2.80	2.72	12
13	2.51	3.12	3.37	2.89						3.03	2.80	2.74	13
14	2.53	3.13	3.37	2.87						3.04	2.81	2.75	14
15	2.59	3.14	3.37	2.84						3.04	2.81	2.76	15
16	2.61	3.16	3.37	2.86						3.04	2.81	2.76	16
17	2.62	3.17	3.37	2.91						3.05	2.82	2.76	17
18	2.65	3.18	3.36	2.96						3.04	2.82	2.76	18
19	2.68	3.19	3.31	3.01						3.03	2.84	2.76	19
20	2.69	3.20	3.36	3.04						3.04	2.84	2.76	20
21	2.71	3.23	3.51							3.04	2.85	2.76	21
22	2.73	3.24	3.73							3.04	2.86	2.76	22
23	2.75	3.24	3.74							3.05	2.86	2.76	23
24	2.79	3.25	3.68							3.05	2.86	2.76	24
25	2.83	3.26	3.62						3.04	3.03	2.83	2.77	25
26	2.84	3.27	3.55						3.02	2.79	2.81	2.77	26
27	2.86	3.27	3.49						3.00	2.71	2.80	2.76	27
28	2.89	3.27	3.45						3.00	2.71	2.79	2.77	28
29	2.90	3.30	3.43						3.00	2.72	2.79	2.77	29
30	2.91		3.43						3.00	2.74	2.80	2.77	30
31	2.92		3.43							2.74		2.77	31
						-MONTHLY SUMMARY-							
MEAN	2.64	3.14	3.43							2.97	2.81	2.75	MEAN
INST MAX	2.26 (1)	2.93 (1)	3.31 (19)							2.70 (28)	2.75 (1)	2.69 (4)	INST MAX
INST MIN	2.93 (31)	3.32 (29)	3.78 (22)							3.05 (24)	2.86 (24)	2.81 (1)	INST MIN

ENVIRONMENT ONTARIO
TORONTO
PRINCE EDWARD COUNTY

OBSERVATION WELL 178

TOWNSHIP OF HALLOWELL — MT 2 — LOT 2

WELL REF #: 5300976
UTM CO-ORD: 7-18 E318680 N4873990
LAT & LONG: 43-59NORTH 77-15WEST

REC METHOD: A35 RECORDER
REC COMMENCED: JUL. 18 1966
MEASURE PT: 0.5 METRES ABOVE GROUND SURFACE
GND ELEV: 90 METRES ABOVE SEA LEVEL
WELL TYPE: DRILLED
WELL LOG: GRAVEL 3.0; LIMESTONE 30.5.

DIAMETER OF WELL: 15 CM
LENGTH OF CASING: 3 METRES
LENGTH OF SCREEN: NONE
DEPTH OF WELL: 100 METRES

PUMP RATE: 5 L/S
SPEC. CAP: N.A.
AQUIFER: LIMESTONE
QUALITY: FRESH

1980
DAILY MEAN WATER LEVELS IN METRES BELOW GROUND SURFACE

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.53	0.95	1.36	0.23		0.67	1.41	1.06			0.85	0.80	1
2	0.60	0.96	1.36	0.24		0.70	1.66	1.11			0.84	0.37	2
3	0.64	0.98	1.36	0.26		0.73	1.71	1.23		1.94	0.83	0.34	3
4	0.67	0.99	1.31	0.27		0.76	1.75	1.33		1.99	0.80	0.31	4
5	0.69	0.99	1.16	0.29		0.81	1.80	1.39		2.05	0.78	0.30	5
6	0.68	0.99	0.95	0.31		0.84	1.85	1.45		2.11	0.79	0.31	6
7	0.67	1.00	0.65	0.31		0.86	1.90	1.40		2.15	0.79	0.32	7
8	0.66	1.00	0.42	0.29		0.89	1.96	1.28		2.18	0.79	0.31	8
9	0.65	1.00	0.30	0.24		0.91	2.00	1.24		2.22	0.78	0.26	9
10	0.65	1.00	0.20	0.23		0.93	2.03	1.23		2.26	0.73	0.25	10
11	0.65	1.01	0.15	0.22		0.97	1.95	1.23		2.29	0.72		11
12	0.64	1.02	0.17	0.22		1.01	1.70	1.23		2.32	0.71		12
13	0.64	1.04	0.19	0.23		1.04	1.48	1.24		2.35	0.70		13
14	0.63	1.06	0.19	0.24		1.07	1.41	1.25		2.38	0.69		14
15	0.62	1.09	0.21	0.25		1.09	1.31	1.26		2.40	0.68		15
16	0.63	1.10	0.24	0.27	0.36	1.12	1.17	1.28		2.41	0.69		16
17	0.65	1.12	0.25	0.29	0.39	1.15	0.92	1.33		2.43	0.69		17
18	0.67	1.13	0.24	0.30	0.41	1.18	0.77	1.35		2.44	0.69		18
19	0.69	1.16	0.23	0.32	0.43	1.20	0.74	1.39		2.44	0.69		19
20	0.71	1.18	0.23	0.34	0.44	1.23	0.75	1.45		2.45	0.70		20
21	0.74	1.20	0.23	0.35	0.46	1.26	0.78	1.48		2.46	0.71		21
22	0.76	1.23	0.22	0.38	0.48	1.30	0.80	1.51		2.47	0.71		22
23	0.78	1.25	0.18	0.39	0.50	1.32	0.80	1.56		2.48	0.72		23
24	0.79	1.29	0.15		0.52	1.35	0.82	1.60		2.49	0.73		24
25	0.80	1.31	0.15		0.54	1.37	0.84	1.63		2.49	0.74		25
26	0.81	1.33	0.16		0.56	1.40	0.87	1.67		2.40	0.72		26
27	0.84	1.35	0.16		0.57	1.43	0.92	1.72		2.01	0.68		27
28	0.87	1.36	0.18		0.59	1.47	0.95	1.77		1.54	0.60		28
29	0.90	1.36	0.19		0.61	1.51	0.97	1.80		1.22	0.49		29
30	0.92		0.20		0.63	1.56	1.01	1.82		1.05	0.43		30
31	0.93		0.22		0.65		1.04			0.92			31
-MONTHLY SUMMARY-													
MEAN	0.71	1.12	0.43			1.10	1.30				0.72		MEAN
INST MAX	0.50 (1)	0.94 (1)	0.14 (11)			0.65 (1)	0.74 (19)				0.40 (30)		INST MAX
INST MIN	0.94 (31)	1.36 (29)	1.36 (1)			1.59 (30)	2.03 (10)				0.87 (1)		INST MIN

ENVIRONMENT ONTARIO
TORONTO
COUNTY OF RUSSELL

OBSERVATION WELL 566

TOWNSHIP OF CLARENCE — CONC. 6 — LOT 18

WELL REF #: 5602221
UTM CO-ORD: 7-18 E 485700 N5032220
LAT & LONG: 45-03NORTH 75-27 WEST

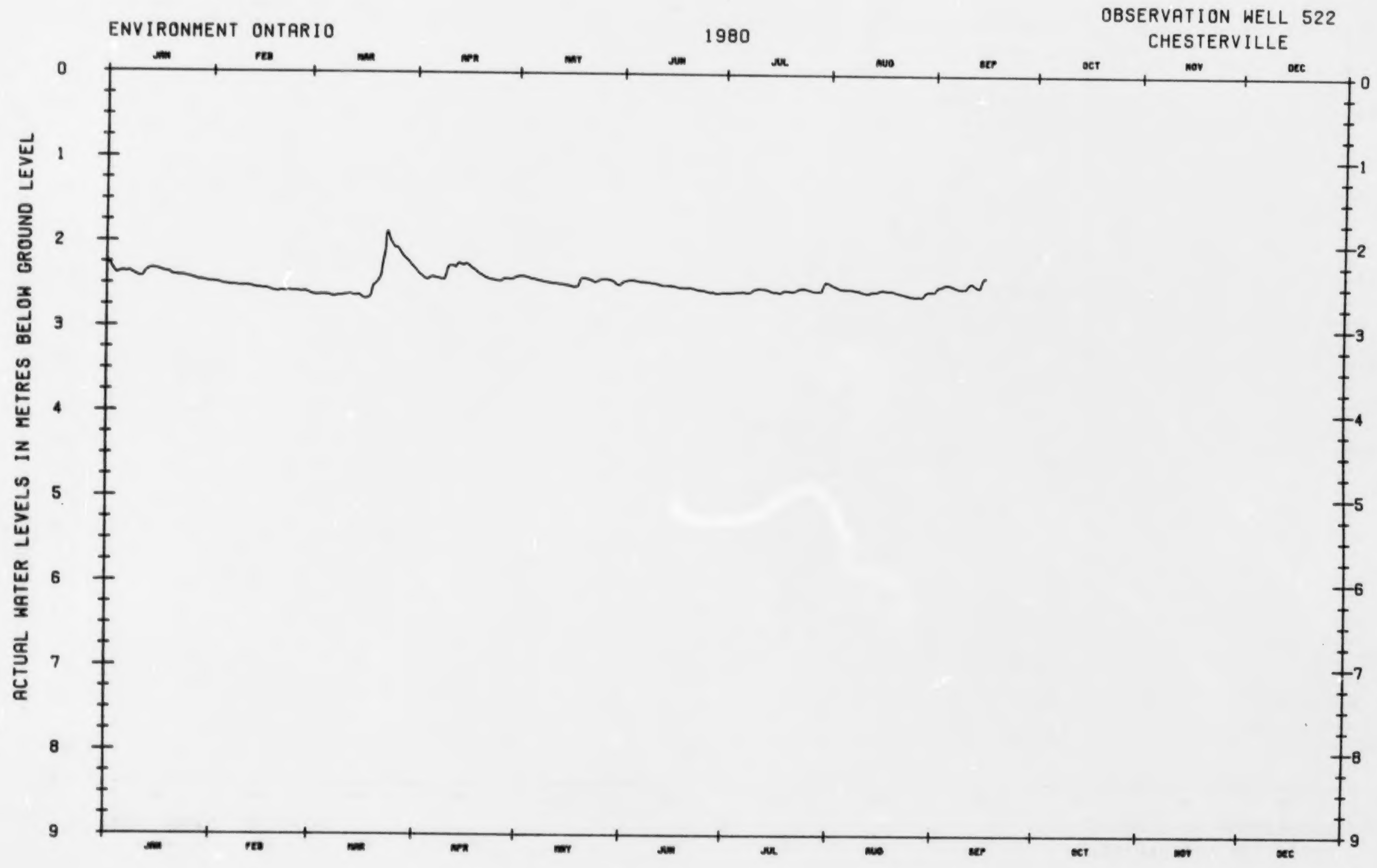
REC METHOD: A35 RECORDER
REC COMMENCED: SEP. 17 1977
MEASURE PT: 0.7 METRES ABOVE GROUND SURFACE
GND ELEV: 230 METRES ABOVE SEA LEVEL
WELL TYPE: DRILLED
WELL LOG: BROWN SAND 3.1; GREY SAND WITH CLAY STREAKS (25.9-29) 30.1 SAND AND GRAVEL WITH BOULDERS 33.6; SOFT, FISSILE LAYERED SHALE 44.8.

DIAMETER OF WELL: 20 CM
LENGTH OF CASING: 34 METRES
LENGTH OF SCREEN: NONE
DEPTH OF WELL: 44.8 METRES

PUMP RATE: N.A.
SPEC. CAP: N.A.
AQUIFER: SHALE
QUALITY: FRESH

1980
DAILY MEAN WATER LEVELS IN METRES BELOW GROUND SURFACE

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1		18.54		19.27	18.86	18.96	19.84 E	18.86 E	19.74	19.37	19.66	19.36	1
2		18.61		19.28	18.62	18.94	19.82 E	18.86 E	19.58	19.32	19.53	19.50	2
3		18.64		19.32	18.41	18.89	19.64 E	18.86 E	19.36	19.37		19.47	3
4		18.66		19.10	18.42	18.88	19.77 E	18.83 E		19.35		19.45	4
5		18.66		18.99	18.48	18.90	19.97 E	19.07 E		19.44		19.41	5
6		18.69		19.13	18.48	19.06 E	19.94 E	19.21		19.51		19.35	6
7		18.71		19.18	18.31	19.10 E	19.81 E	19.16		19.68		19.37	7
8		18.72		19.30	18.04	18.88 E	19.95 E	19.34		19.44		19.33	8
9		18.69		19.15	18.30	19.10 E	19.81 E	19.44		19.92		19.39	9
10		18.69		18.85	18.43	18.89 E	19.70 E	19.34	19.81	19.95			10
11		18.67		18.74	18.45	18.86 E	19.77 E	19.29	19.87	19.59	19.57		11
12		18.70		18.67	18.38	19.07 E	19.94 E	19.21	19.57	19.55	19.57		12
13		18.75		18.56	18.45	18.98 E	20.02 E	19.21	19.62	19.56	19.52		13
14		18.76		18.58	18.43	18.82 E	20.08 E	19.06	19.58	19.54	19.51		14
15		18.73		18.44	18.48	19.22 E	20.06 E	19.12	19.50	19.46	19.60		15
16		18.64		18.32	18.56	18.96 E	19.78 E	19.26	19.56	19.54	19.69		16
17	18.32	18.98		18.39	18.63	18.92 E	19.59 E	18.99	19.70	19.59	19.49		17
18	18.15			18.44	18.40	19.22 E	19.63 E	19.10	19.52	19.96	19.36	18.94	18
19	18.12			18.44	18.32	18.97 E	19.74 E	19.06	19.51	20.06	19.35	19.02	19
20	18.13		20.50	18.47	18.31	19.17 E	19.78 E	19.17	19.73	19.75	19.58	19.12	20
21	18.21		20.32	18.49	18.21	18.95 E	19.61 E	19.44	19.77	19.67	19.66	19.37	21
22	18.18	20.01	20.36	18.47	18.12	18.80 E	19.86 E	19.61	19.55	19.69	19.67	19.50	22
23	18.15	19.37	20.52	18.50	18.37	19.13 E	19.24 E	19.44	19.44	19.69	19.57	19.40	23
24	17.99	19.08	20.50	18.50	18.33	19.03 E	19.29 E	19.41	19.52	19.58	19.59	19.56	24
25	18.20	18.95	20.36	18.65	18.46	19.54 E	19.39 E	19.39	19.51	19.66	19.61	19.67	25
26	18.39	18.94	20.27	18.50	18.62	19.82 E	19.41 E	19.36	19.39	19.63	19.57	19.54	26
27	18.78	19.41	20.05	18.50	18.86	19.77 E	19.33 E	19.41	19.42	19.55	19.56	19.43	27
28	18.80		19.79	18.42	18.80	19.71 E	19.18 E	19.38	19.43	19.58	19.32	19.41	28
29	18.72		19.66	18.50	18.80	19.71 E	19.00 E	19.34	19.77	19.96	19.41	19.44	29
30	18.55		19.32	18.69	18.89	19.74 E	18.90 E	19.24	19.57	19.43	19.48	19.39	30
31	18.53		19.29		18.86		18.97 E	19.47		19.61			31
-MONTHLY SUMMARY-													
MEAN				18.72	18.49	19.13	19.63	19.23		19.60			MEAN
INST MAX				18.27 (16)	17.96 (8)	18.73 (22)	18.86 (30)	18.80 (3)		19.24 (2)			INST MAX
INST MIN				19.35 (9)	18.96 (31)	19.87 (26)	20.15 (15)	19.72 (22)		20.14 (19)			INST MIN


ENVIRONMENT ONTARIO
1980
OBSERVATION WELL 522
CHESTERVILLE
ACTUAL WATER LEVELS IN METRES BELOW GROUND LEVEL
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JAN
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MAR
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MAY
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JUL
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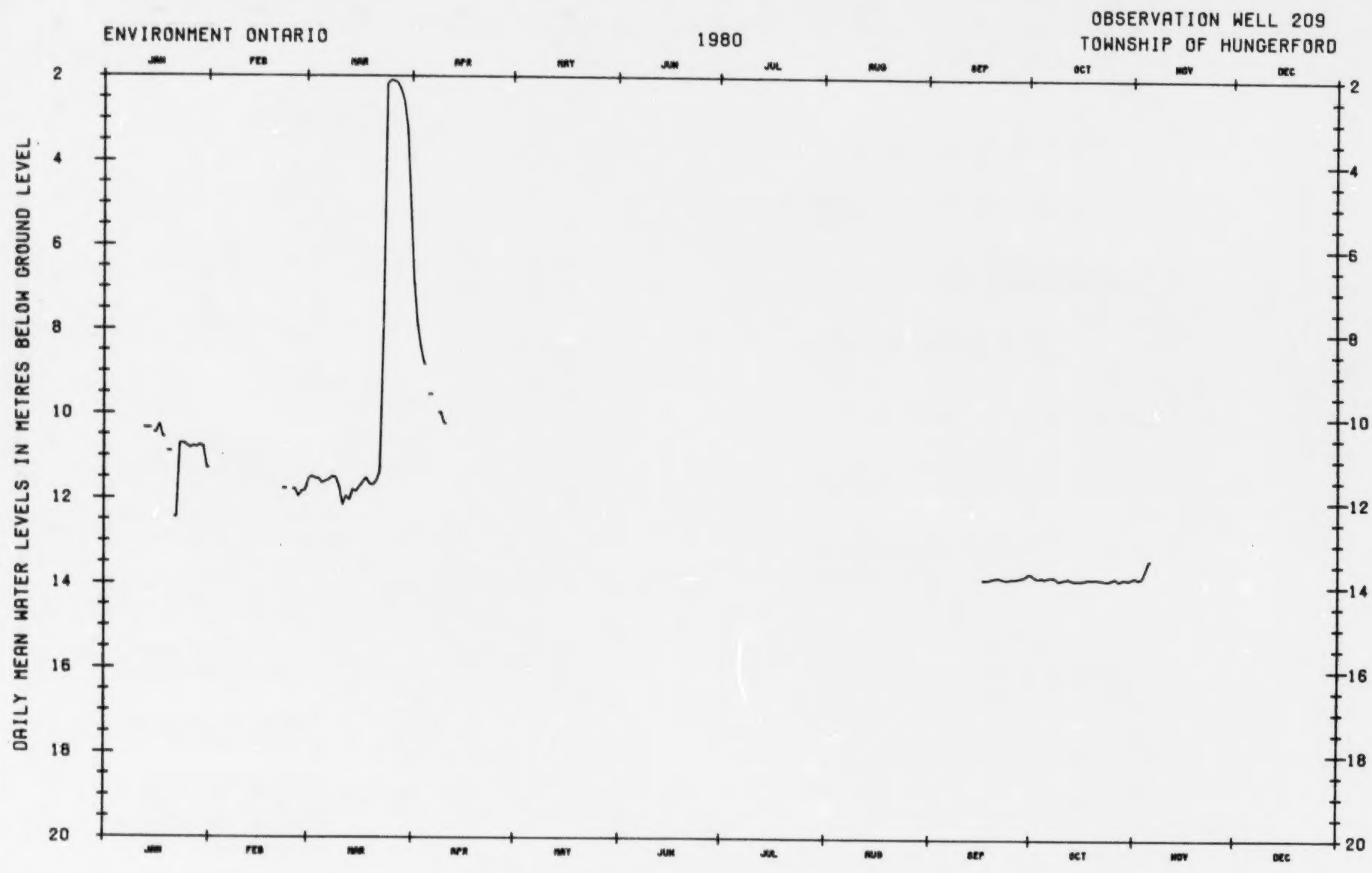
OCT
NOV
DEC


ENVIRONMENT ONTARIO
1980
OBSERVATION WELL 209
TOWNSHIP OF HUNGERFORD
DAILY MEAN WATER LEVELS IN METRES BELOW GROUND LEVEL
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JAN
FEB
MAR
APR
MAY
JUN
JUL
AUG
SEP
OCT
NOV
DEC

ENVIRONMENT ONTARIO
1980
OBSERVATION WELL 400
TOWNSHIP OF SIDNEY
ACTUAL WATER LEVELS IN METRES BELOW GROUND LEVEL
JAN
FEB
MAR
APR
MAY
JUN
JUL
AUG
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OCT
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DEC
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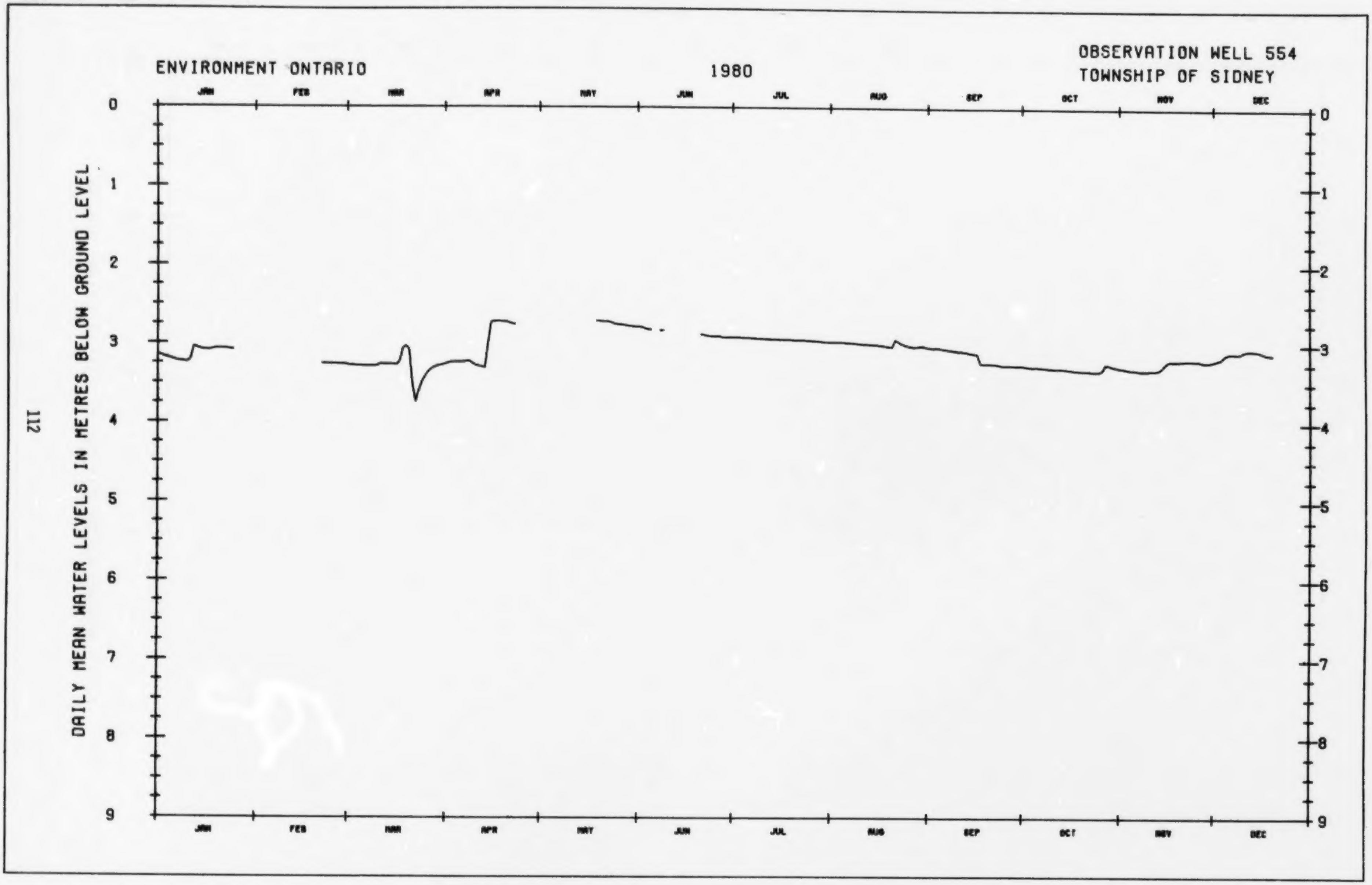
ENVIRONMENT ONTARIO
1980
OBSERVATION WELL 554
TOWNSHIP OF SIDNEY
DAILY MEAN WATER LEVELS IN METRES BELOW GROUND LEVEL
JAN
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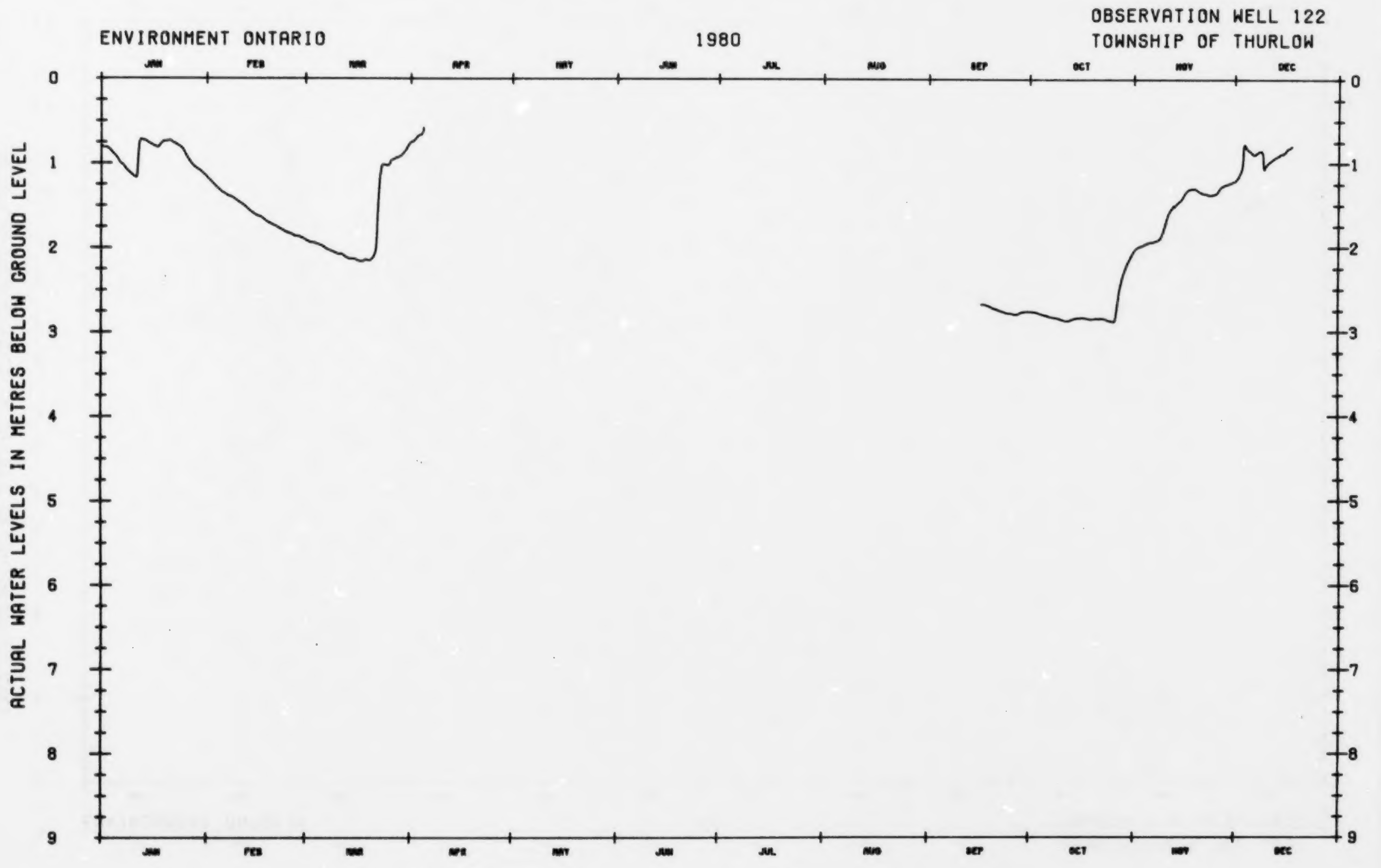
ENVIRONMENT ONTARIO
1980
OBSERVATION WELL 122
TOWNSHIP OF THURLOW
ACTUAL WATER LEVELS IN METRES BELOW GROUND LEVEL
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1
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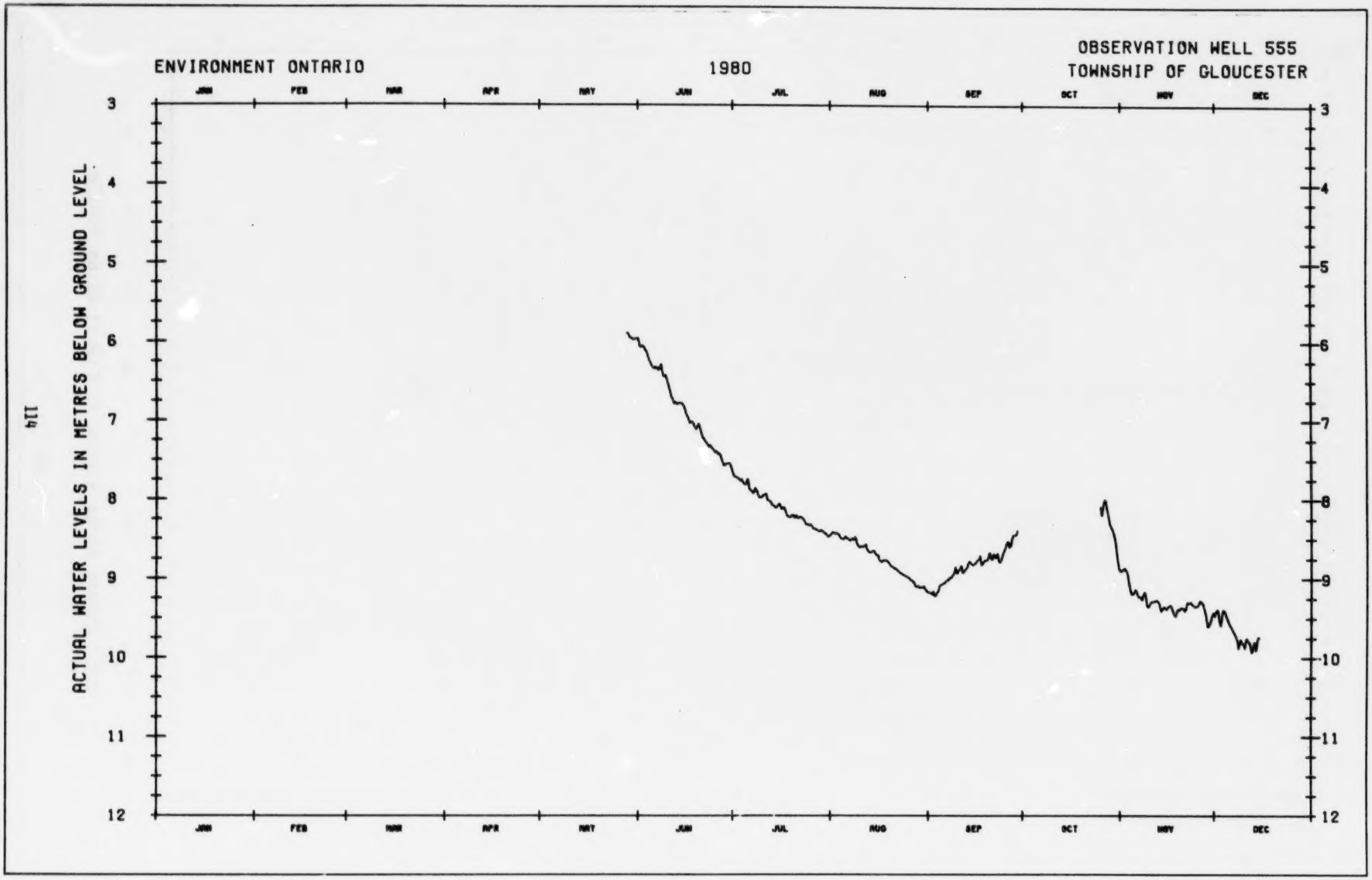
ENVIRONMENT ONTARIO
1980
OBSERVATION WELL 555
TOWNSHIP OF GLOUCESTER
ACTUAL WATER LEVELS IN METRES BELOW GROUND LEVEL
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ENVIRONMENT ONTARIO
1980
OBSERVATION WELL 541
TOWNSHIP OF NEPEAN
ACTUAL WATER LEVELS IN METRES BELOW GROUND LEVEL
JAN
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MAY
JUN
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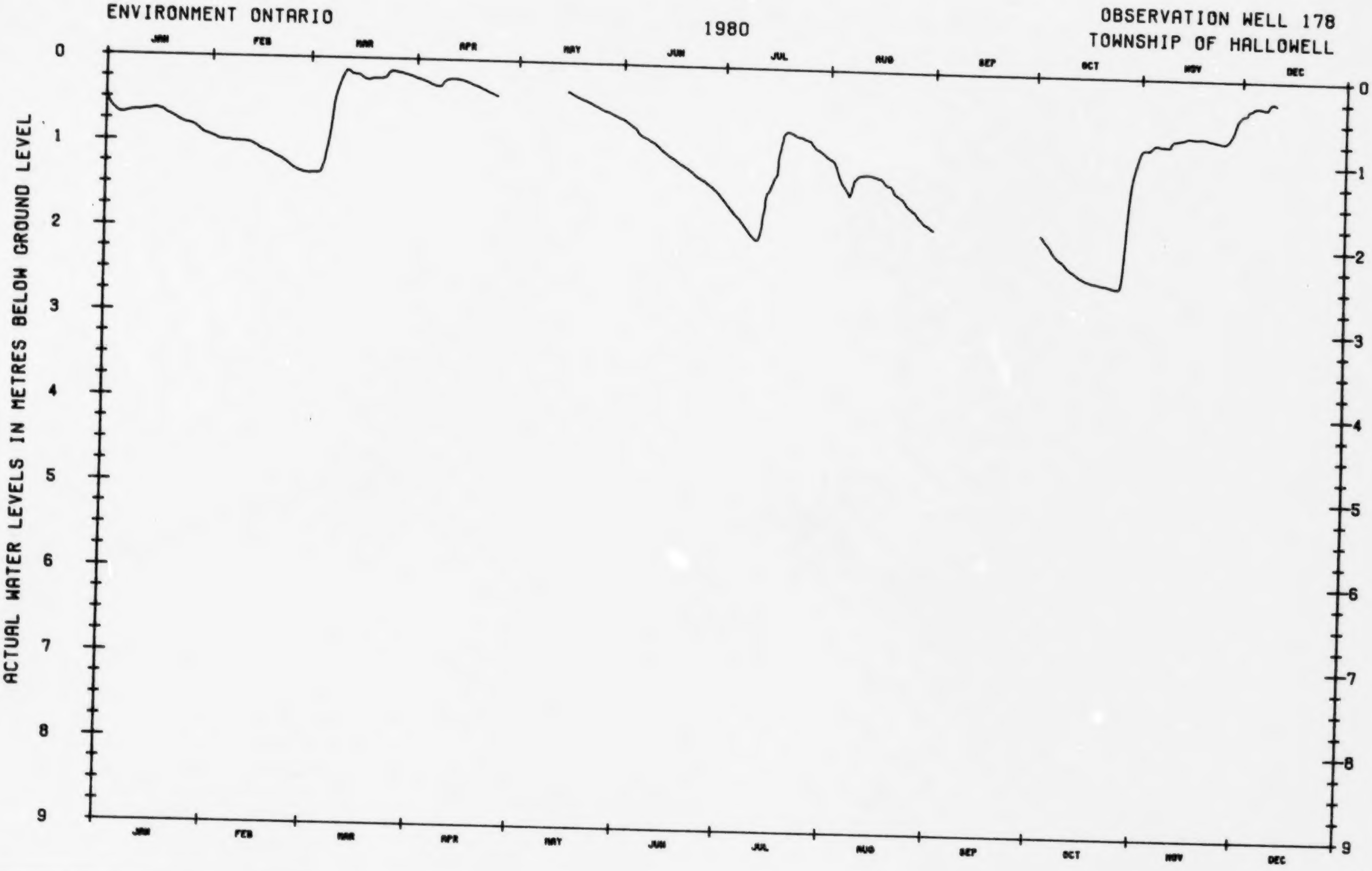
ENVIRONMENT ONTARIO
1980
OBSERVATION WELL 178
TOWNSHIP OF HALLOWELL
ACTUAL WATER LEVELS IN METRES BELOW GROUND LEVEL
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JAN
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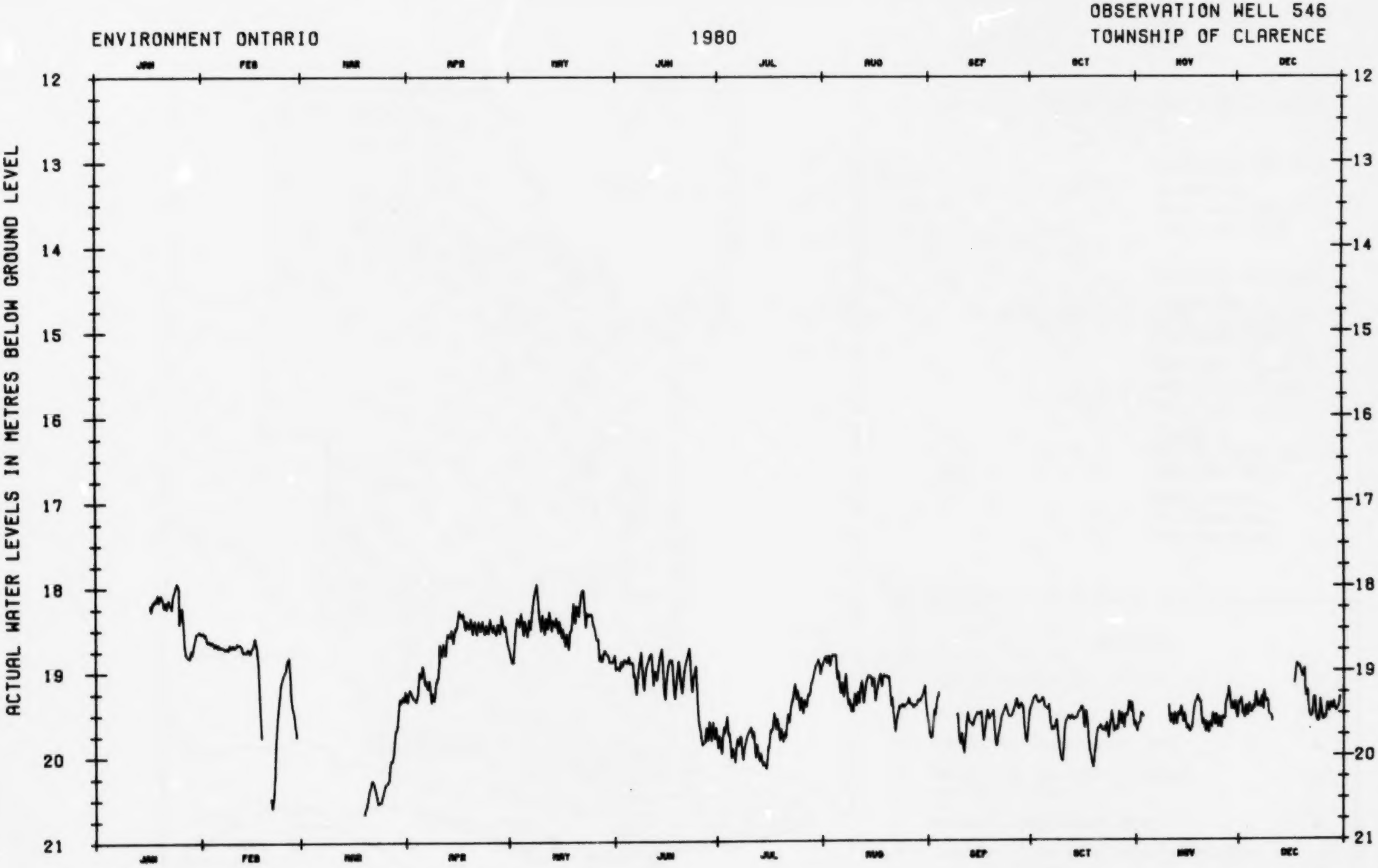
OCT
NOV
DEC


ENVIRONMENT ONTARIO
1980
OBSERVATION WELL 546
TOWNSHIP OF CLARENCE
ACTUAL WATER LEVELS IN METRES BELOW GROUND LEVEL
JAN
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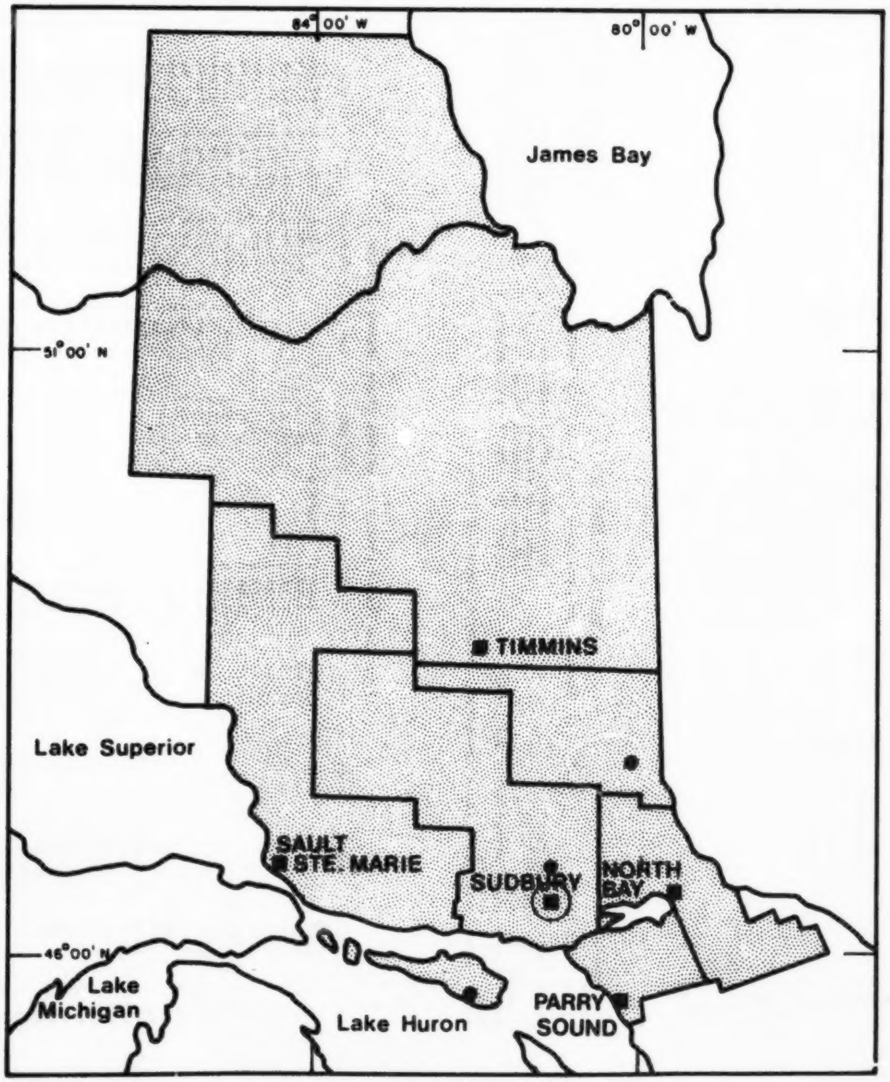
Northeastern Region (5)

Ministry of the Environment
Ontario



OBSERVATION WELL DISTRIBUTION

OBSERVATION WELL DATA

REGIONAL OFFICE
SUDBURY
199 Larch St.
705-675-4501

DISTRICT OFFICES

North Bay
1500 Fisher St.
705-476-1001

Sault Ste. Marie
445 Albert St. E.
705-949-4640

Timmins
83 Algonquin Blvd. W.
705-264-9474

Parry Sound
74 Church St.
705-746-2139

LEGEND

- Regional Office
- District Office
- Recording Observation Well
- Number of Recording Wells in same location
- Manually Measured Well
- Number of Manually Measured Wells in same location

ENVIRONMENT ONTARIO
TORONTO
SUDBURY DISTRICT

OBSERVATION WELL 550

TOWNSHIP OF HANMER — CONC. 3 — LOT 2

WELL REC #: 5903822
UTM CO-ORD: Z-17 E502850 N5167000
LAT & LONG: 46-39NORTH 80-58WEST

REC METHOD: F1 TYPE RECORDER
REC COMMCD: AUG. 17 1979
MEASURE PT: 0.75 METRES ABOVE GROUND SURFACE
GND ELEV: 296 METRES ABOVE SEA LEVEL
WELL TYPE: DRILLED
WELL LOG: TOPSOIL 0.3; SOFT BROWN CLAY WITH SAND 1.5; LOOSE BROWN SAND 6.4; LOOSE BROWN SAND WITH GRAVEL 13.4; SOFT GREY CLAY 13.7.

DIAMETER OF WELL: 15 CM
LENGTH OF CASING: 12.5 METRES
LENGTH OF SCREEN: 0.9 METRES
DEPTH OF WELL: 13.4 METRES

PUMP RATE: 0.2 L/S
SPEC. CAP: 0.035 L/S/M
AQUIFER : AND
QUALITY : FRESH

E - ESTIMATED

1980
DAILY MEAN WATER LEVELS IN METRES BELOW GROUND SURFACE

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.47			1.75	1.25	1.24	1.39	1.43	1.55	1.46			1
2	1.49			1.71	1.23	1.26	1.40	1.42	1.55	1.46			2
3	1.50			1.68	1.21	1.26	1.40		1.56	1.46			3
4	1.51			1.65	1.21	1.27	1.41			1.46			4
5	1.52			1.64	1.20	1.29	1.41			1.47			5
6	1.52			1.64	1.20	1.29	1.42			1.46			6
7	1.50			1.62	1.17	1.29	1.43	1.49		1.45			7
8	1.54			1.59	1.14	1.29	1.43	1.49		1.44			8
9	1.55			1.55	1.10	1.23	1.44	1.49		1.44			9
10	1.56				1.09	1.24	1.44	1.50		1.45			10
11	1.52			1.46		1.27	1.45	1.51		1.45			11
12	1.50			1.44		1.28	1.46	1.51		1.46			12
13	1.50			1.44		1.28	1.46	1.52		1.48			13
14	1.51			1.42		1.29	1.47	1.51		1.49			14
15	1.54			1.40		1.30	1.48	1.50		1.49			15
16	1.54			1.40		1.31	1.48	1.48		1.47			16
17	1.53			1.39	1.17	1.31	1.49	1.49		1.46			17
18	1.53			1.38	1.13	1.32	1.49	1.49		1.47	1.58		18
19	1.54		1.85	1.37	1.11	1.32	1.50	1.49		1.47	1.58		19
20	1.55		1.85	1.36	1.12	1.32	1.50	1.50		1.48	1.59		20
21	1.54		1.81	1.36	1.13	1.33	1.50	1.50		1.51	1.59		21
22			1.80	1.34	1.14	1.34	1.51	1.51		1.52	1.59		22
23			1.79	1.33	1.16	1.35	1.49	1.52		1.50	1.59		23
24			1.78	1.33	1.17	1.35	1.46	1.53		1.47	1.59		24
25			1.78	1.33	1.18	1.36	1.45	1.54		1.49			25
26			1.79	1.32	1.19	1.36	1.45	1.54		1.50			26
27			1.80	1.30	1.21	1.38	1.46	1.54		1.50			27
28			1.80	1.29	1.22	1.38	1.47	1.55		1.51			28
29			1.80	1.27	1.23	1.38	1.47	1.56		1.50			29
30			1.79	1.26	1.23	1.38	1.48	1.55	1.48				30
31			1.77		1.23		1.48	1.55					31
-MONTHLY SUMMARY-													
MEAN						1.31	1.46						MEAN
INST MAX						1.22 (9)	1.39 (1)						INST MAX
INST MIN						1.39 (30)	1.51 (22)						INST MIN

ENVIRONMENT ONTARIO
TORONTO
TIMISKAMING COUNTY

OBSERVATION WELL 558

TOWNSHIP OF ARMSTRONG — CONC. 3 — LOT 3

WELL REC #: 6301291
UTM CO-ORD: Z-17 E590870 N5283200
LAT & LONG: 47-42NORTH 79-47WEST

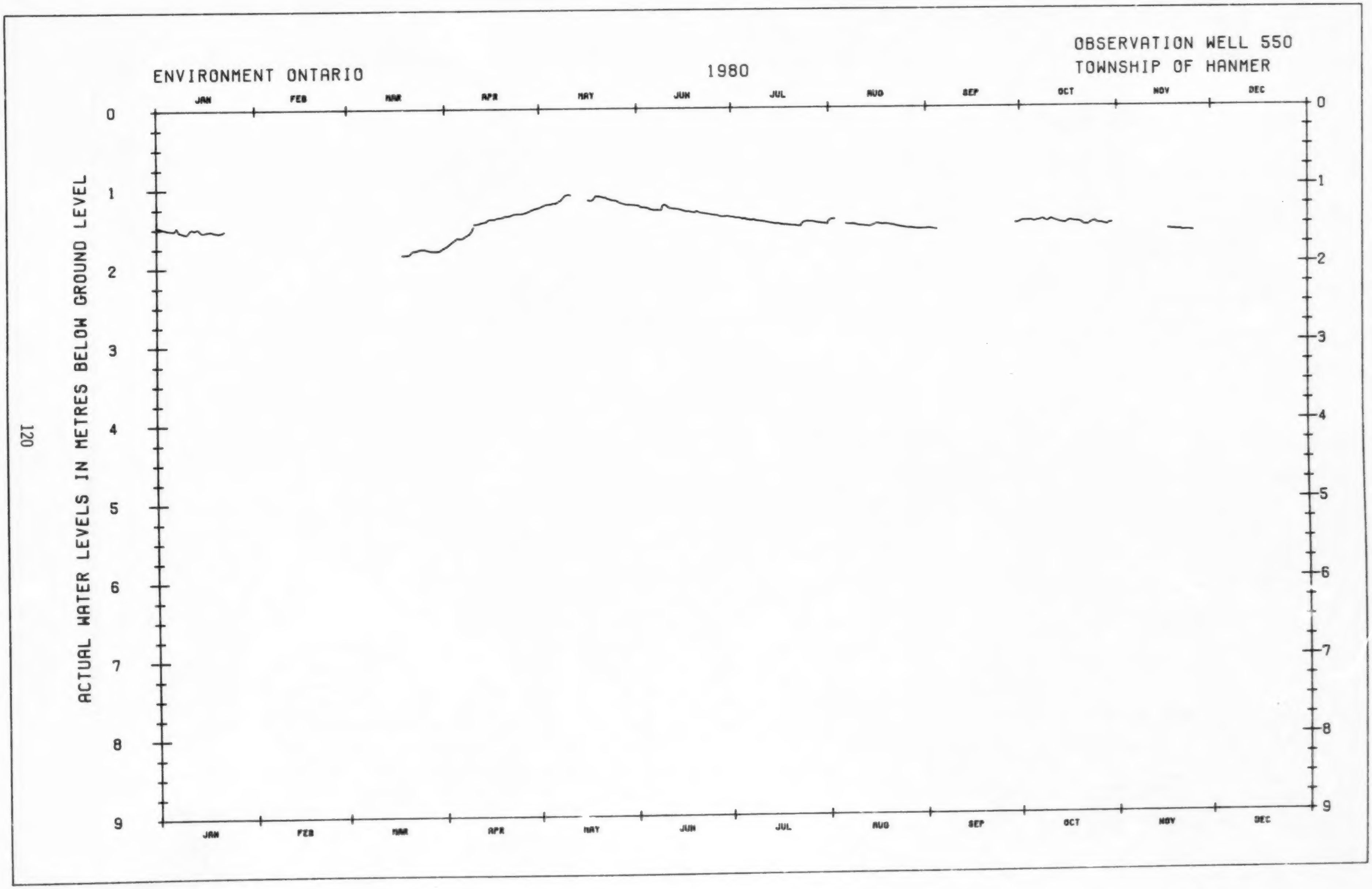
REC METHOD: A35 RECORDER
REC COMMCD: JUL. 26 1978
MEASURE PT: N.A.
GND ELEV: 260.8 METRES ABOVE SEA LEVEL
WELL TYPE: DRILLED
WELL LOG: OVERBURDEN 13.1; LIMESTONE, DOLOMITE AND SHALE 49.1.

DIAMETER OF WELL: 15.2 CM
LENGTH OF CASING: 13.1 METRES
LENGTH OF SCREEN: NONE
DEPTH OF WELL: 61.9 METRES

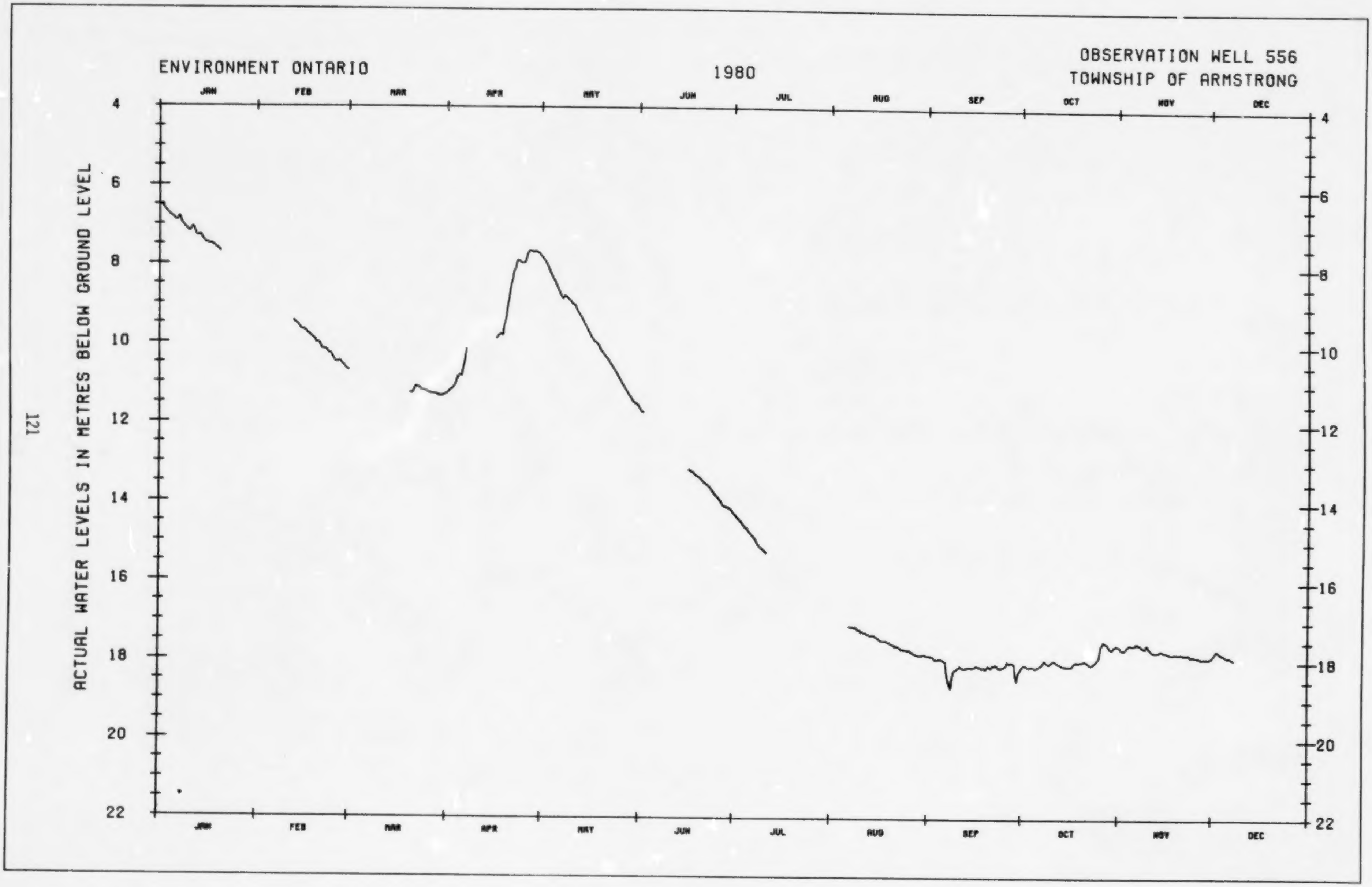
PUMP RATE: N.A.
SPEC. CAP: N.A.
AQUIFER : LIMESTONE
QUALITY : FRESH

1980
DAILY MEAN WATER LEVELS IN METRES BELOW GROUND SURFACE

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	6.50			11.22	7.86 E	11.09 E	14.33 E		17.86 E	18.10 E	17.62	17.83	1
2	6.59			11.15	7.99 E		14.43 E		17.89 E	18.10 E	17.69	17.72	2
3	6.68			11.03	8.18 E		14.50 E		17.95 E	18.14 E	17.66	17.75	3
4	6.77			10.85	8.34 E		14.61 E		17.94 E	18.13 E	17.57	17.79	4
5	6.84			10.77	8.51 E		14.69 E		17.95 E	18.16 E	17.57	17.83	5
6	6.90			10.45	8.69 E		14.79 E		18.04 E	18.12 E	17.56	17.87	6
7	6.86				8.82 E		14.88 E	17.13 E	18.46 E	18.06 E	17.54	17.89	7
8	7.01				8.80 E		15.00 E	17.14 E	18.55 E	17.99 E	17.60		8
9	7.10				8.87 E		15.11 E	17.19 E	18.24 E	18.04 E	17.64		9
10	7.17				8.97 E		15.19 E	17.24 E	18.17 E	18.02 E	17.59		10
11	7.09				9.05 E			17.27 E	18.13 E	17.97 E	17.69		11
12	7.22				9.21 E			17.31 E	18.17 E	18.03 E	17.74		12
13	7.28	9.51			9.34 E			17.34 E	18.15 E	18.07 E	17.75		13
14	7.34	9.61			9.50 E			17.34 E	18.14 E	18.10 E	17.72		14
15	7.45	9.67			9.65 E			17.39 E	18.15 E	18.11 E	17.73		15
16	7.49	9.72			9.81 E			17.45 E	18.11 E	18.12 E	17.75		16
17	7.51	9.79		9.78 E	9.92 E	13.21 E		17.49 E	18.13 E	18.07 E	17.79		17
18	7.56	9.86		9.72 E	9.99 E	13.29 E		17.49 E	18.16 E	18.00 E	17.80		18
19	7.63	9.96		9.36 E	10.13 E	13.34 E		17.53 E	18.17 E	18.00 E	17.79		19
20		10.01		8.85 E	10.25 E	13.41 E		17.57 E	18.12 E	17.99 E	17.79		20
21		10.14	11.19	8.39 E	10.38 E	13.49 E		17.61 E	18.13 E	17.98 E	17.79		21
22		10.17	11.10	8.08 E	10.48 E	13.56 E		17.63 E	18.08 E	18.02 E	17.80		22
23		10.24	11.15	7.90 E	10.60 E	13.65 E		17.68 E	18.13 E	18.06 E	17.80		23
24		10.31	11.19	7.94 E	10.73 E	13.77 E		17.70 E	18.15 E	18.01 E	17.85		24
25		10.45	11.22	7.92 E	10.88 E	13.86 E		17.72 E	18.12 E	17.92 E	17.85		25
26		10.48	11.27	7.72 E	11.02 E	13.96 E		17.74 E	18.03 E	17.64 E	17.87		26
27		10.49	11.28	7.65 E	11.15 E	14.07 E		17.80 E	18.03 E	17.50 E	17.89		27
28		10.59	11.29	7.67 E	11.28 E	14.11 E		17.84 E	18.10 E	17.55 E	17.90		28
29		10.67	11.32	7.68 E	11.40 E	14.13 E		17.85 E	18.41 E	17.65 E	17.90		29
30			11.32	7.76 E	11.49 E	14.23 E		17.83 E	18.22 E	17.64	17.90		30
31			11.29		11.57 E			17.85 E		17.56			31
-MONTHLY SUMMARY-													
MEAN					9.77				18.13	17.96	17.74		MEAN
INST MAX					7.81 (1)				17.86 (1)	17.47 (27)	17.52 (7)		INST MAX
INST MIN					11.64 (31)				18.69 (8)	18.17 (5)	17.92 (28)		INST MIN



ENVIRONMENT ONTARIO
1980
OBSERVATION WELL 550
TOWNSHIP OF HANMER
JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC
0 1 2 3 4 5 6 7 8 9
ACTUAL WATER LEVELS IN METRES BELOW GROUND LEVEL



ENVIRONMENT ONTARIO
1980
OBSERVATION WELL 556
TOWNSHIP OF ARMSTRONG
ACTUAL WATER LEVELS IN METRES BELOW GROUND LEVEL
JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC
4 6 8 10 12 14 16 18 20 22

Northwestern Region ⑥

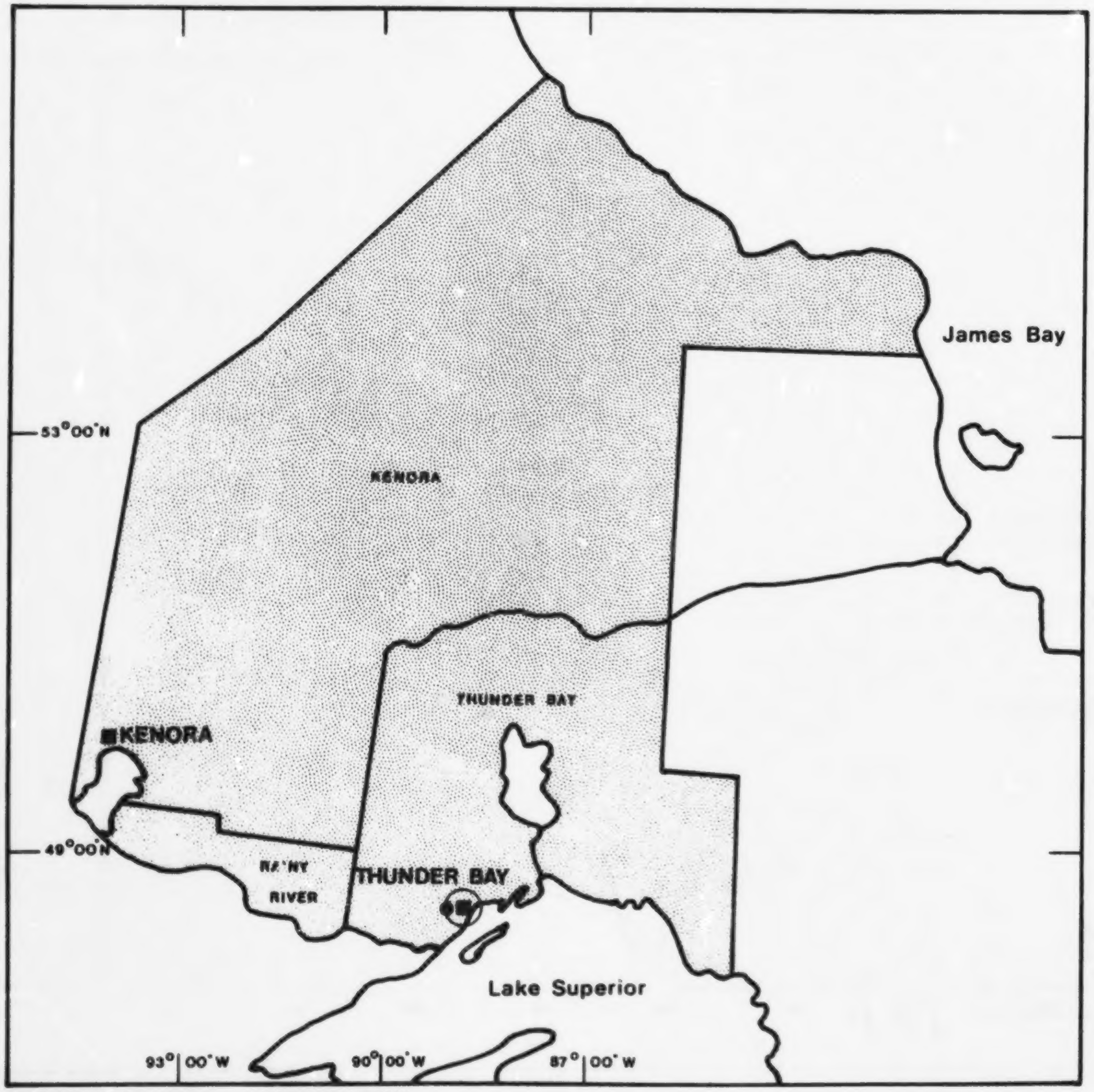
Ontario

Ministry of the Environment

OBSERVATION WELL DATA

REGIONAL OFFICE
THUNDER BAY
435 James St. S.
P.O. Box 5000
807-475-1205

DISTRICT OFFICE
Kenora
203 First St. S.
807-468-5578



OBSERVATION WELL DISTRIBUTION

LEGEND

- Regional Office ⊙
- District Office ■
- Recording Observation Well ●
- Number of Recording Wells in same location ●2
- Manually Measured Well ▲
- Number of Manually Measured Wells in same location ▲2

ENVIRONMENT ONTARIO
TORONTO
THUNDER BAY DISTRICT

OBSERVATION WELL 58A

WELL REF #: A101892
UTM CO-ORD: 7-16 E318300 N5359650
TOWNSHIP OF PAIPOONGE KAM R 1 LOT 12 LAT & LONG: 48-22NORTH 89-26WEST

REC METHOD: A-35 RECORDER
REC COMMENCED: JUL. 31 1978
MEASURE PT: 1.1 METRES ABOVE GROUND SURFACE
GND ELEV: 220 METRES ABOVE SEA LEVEL
WELL TYPE: DRILLED

DIAMETER OF WELL: 15 CM
LENGTH OF CASING: 36.9 METRES
LENGTH OF SCREEN: 1.5 METRES
DEPTH OF WELL: 38.4 METRES

PUMP RATE: 0.2 L/S
SPEC. CAP: 0.002 L/S/M
AQUIFER : SAND AND GRAVEL
QUALITY : FRESH

WELL LOG: LOOSE GREY OVERBURDEN 2.4; VERY LOOSE TAN CLAY WITH SILT 6.7; LOOSE TAN CLAY WITH SILT 9.2; TIGHT GREY CLAY 22.9 HARD TAN CLAY WITH SILT 29.6; SOFT GREY CLAY WITH SILT 33.6; HARD GREY CLAY WITH ROCKS (35.1 - 35.4) 36; SOFT LOOSE BLACK CLAY WITH WET SILT 37.2; LOOSE BLACK FINE SAND WITH SOME GRAVEL 37.5; FINE BLACK SAND WITH SILT 39.7 SOFT GREY SILT 41.5; HARD GREEN GRANITE 43.3.

1980
DAILY MEAN WATER LEVELS IN METRES BELOW GROUND SURFACE

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1					22.84	23.06	22.85						1
2					22.90	23.08	22.70						2
3					22.96	22.91	22.63						3
4					23.35	22.80	22.77						4
5					23.47	22.96	22.84						5
6					23.58	22.87	22.82						6
7					23.59	22.99	22.88						7
8					23.57	23.05	22.74						8
9					23.60	23.01	22.51						9
10					23.66	22.92	22.45						10
11					23.59	22.65	22.35						11
12					23.61	22.79	22.49						12
13					23.60	22.79	22.44						13
14					23.57	22.90	22.32						14
15	21.64				23.46	22.82	22.39						15
16	21.71				23.32	22.66	22.60						16
17	21.74				23.28	22.65	22.70						17
18	21.73				23.14	22.57	22.78						18
19	21.70				23.11	22.52	22.82						19
20	21.67				23.06	22.46	22.79						20
21	21.72			22.17	23.07	22.40							21
22	21.80			22.18	22.91	22.30							22
23	21.76			22.22	22.81	22.21							23
24				22.25	22.69	22.34							24
25				22.33	22.64	22.18							25
26				22.40	22.88	22.17							26
27				22.44	22.80	22.34							27
28				22.46	22.86	22.76							28
29				22.56	22.87	22.87							29
30				22.70	23.07	22.86							30
31					23.01								31

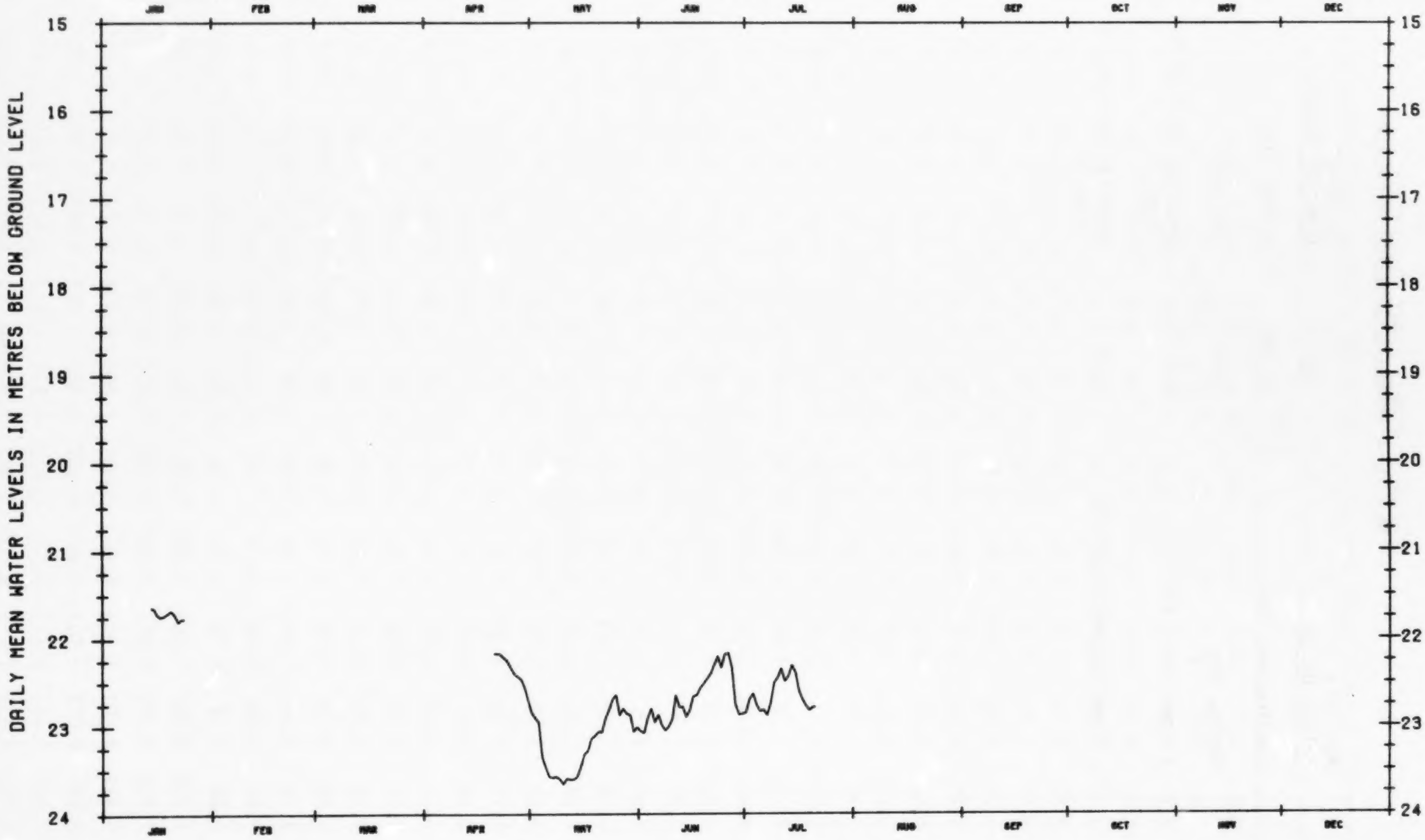
-MONTHLY SUMMARY-

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
MEAN					23.19	22.70							MEAN
INST MAX					22.55 (25)	22.09 (26)							INST MAX
INST MIN					23.69 (10)	23.14 (1)							INST MIN

ENVIRONMENT ONTARIO

1980

OBSERVATION WELL 548
TOWNSHIP OF PAIPOONGE



METRIC - IMPERIAL CONVERSION FACTORS

Multiply Metric Units	by	To Obtain Imperial Units
Centimetres (cm)	0.394	Inches (in)
Metres (m)	3.28	Feet (ft)
Litres/sec (L/s)	13.2	Imperial gallons/min (Igpm)
Litres/sec/metre(L/s/m)	4.02	Imperial gallons/min/ft (Igpm/ft)

CONVERSION TABLE - METRES TO FEET

Metres	.0	.1	.2	.3	.4	.5	.6	.7	.8	.9
	Feet									
0	0.0	0.3	0.7	1.0	1.3	1.6	2.0	2.3	2.6	3.0
1	3.3	3.6	3.9	4.3	4.6	4.9	5.2	5.6	5.9	6.2
2	6.6	6.9	7.2	7.5	7.9	8.2	8.5	8.9	9.2	9.5
3	9.8	10.2	10.5	10.8	11.2	11.5	11.8	12.1	12.5	12.8
4	13.1	13.5	13.8	14.1	14.4	14.8	15.1	15.4	15.7	16.1
5	16.4	16.7	17.1	17.4	17.7	18.0	18.4	18.7	19.0	19.4
6	19.7	20.0	20.3	20.7	21.0	21.3	21.7	22.0	22.3	22.6
7	23.0	23.3	23.6	23.9	24.3	24.6	24.9	25.3	25.6	25.9
8	26.2	26.6	26.9	27.2	27.6	27.9	28.2	28.5	28.9	29.2
9	29.5	29.9	30.2	30.5	30.8	31.2	31.5	31.8	32.2	32.5
10	32.8	33.1	33.5	33.8	34.1	34.4	34.8	35.1	35.4	35.8
11	36.1	36.4	36.7	37.1	37.4	37.7	38.1	38.4	38.7	39.0
12	39.4	39.7	40.0	40.3	40.7	41.0	41.3	41.7	42.0	42.3
13	42.6	43.0	43.3	43.6	44.0	44.3	44.6	44.9	45.3	45.6
14	45.9	46.3	46.6	46.9	47.2	47.6	47.9	48.2	48.6	48.9
15	49.2	49.5	49.9	50.2	50.5	50.8	51.2	51.5	51.8	52.2
16	52.5	52.8	53.1	53.5	53.8	54.1	54.5	54.8	55.1	55.4
17	55.8	56.1	56.4	56.7	57.1	57.4	57.7	58.1	58.4	58.7
18	59.0	59.4	59.7	60.0	60.4	60.7	61.0	61.4	61.7	62.0
19	62.3	62.7	63.0	63.3	63.6	64.0	64.3	64.6	65.0	65.3
20	65.6	65.9	66.3	66.6	66.9	67.2	67.6	67.9	68.2	68.6
21	68.9	69.2	69.5	69.9	70.2	70.5	70.9	71.2	71.5	71.8
22	72.2	72.5	72.8	73.1	73.5	73.8	74.1	74.5	74.8	75.1
23	75.4	75.8	76.1	76.4	76.8	77.1	77.4	77.8	78.1	78.4
24	78.7	79.1	79.4	79.7	80.0	80.4	80.7	81.0	81.4	81.7
25	82.0	82.3	82.7	83.0	83.3	83.6	84.0	84.3	84.6	85.0
26	85.3	85.6	85.9	86.3	86.6	86.9	87.3	87.6	87.9	88.3
27	88.6	88.9	89.2	89.5	89.9	90.2	90.6	90.9	91.2	91.5
28	91.8	92.2	92.5	92.8	93.2	93.5	93.8	94.2	94.5	94.8
29	95.1	95.5	95.8	96.1	96.4	96.8	97.1	97.4	97.8	98.1
30	98.4	98.7	99.1	99.4	99.7	100.0	100.4	100.7	101.0	101.4
31	101.7	102.0	102.3	102.7	103.0	103.3	103.7	104.0	104.3	104.7
32	105.0	105.3	105.6	105.9	106.3	106.6	107.0	107.3	107.6	107.9
33	108.2	108.6	108.9	109.2	109.6	109.9	110.2	110.6	110.9	111.2
34	111.5	111.9	112.2	112.5	112.8	113.2	113.5	113.8	114.2	114.5
35	114.8	115.1	115.5	115.8	116.1	116.4	116.8	117.1	117.5	117.8